








TORCHTIPS

What to expect from selected Bullseye torchworking rods.
revised September 01, 2009



Bullseye rods are drawn from compatible Bullseye glass and are available in 94 stock styles. While we find that torchworkers are cheerful and tireless testers of new styles, we've provided a reference index to shorten the learning curve anyway. Click on one of the styles to the left and see what to expect from your Bullseye rods, before and after time in the torch. Check back soon to find more information about additional rod styles.

Key to icons.

 Copper  Lead  Selenium  Silver  Sulfur  Striker

 000013-0576 Opaque White Opal

Contains: 

May react with:  

Cold characteristics


Opaque white.

Working notes



Torch: Remains opaque even in small amounts. To avoid reduction, work with 000013-0576 in a neutral to oxidizing flame atmosphere.

Kiln: Very viscous; will flow later and less than other glasses. Consider a design solution to avoid or remove potential devitrification: cap with clear or sandblast/remove devitrification through coldworking methods.

 000014-0576 Cobalt Blue Opaque

Cold characteristics


Medium cool blue with greater opacity than standard opalescent Cobalt Blue ([000114-0576](#)).

Working notes





Torch: Remains opaque even in small amounts. Holds a crisp edge in the flame. Opaque rods are formulated solely for flameworking with Bullseye rods.

Kiln: Not recommended for kilnforming.

 000016-0576 Turquoise Opaque

Contains: 

May react with:  

Cold characteristics

Lighter in color and more dense than Turquoise Blue ([000116-0576](#)).

Working notes



Torch: Remains opaque even in small amounts. Holds a crisp edge in the flame. Greater copper content than [000116-0576](#) (Turquoise Blue Opal), which often produces stronger reactions. Opaque rods are formulated solely for flameworking with Bullseye rods.

Kiln: Not recommended for kilnforming.



000017-0576 Mineral Green Opaque

Cold characteristics

Muted medium green, denser than but similar in color to Mineral Green ([000117-0576](#)).

Working notes



Torch: Remains opaque even in small amounts. Holds a crisp edge in the flame. Opaque rods are formulated solely for flameworking with Bullseye rods.

Kiln: Not recommended for kilnforming.



000018-0576 Periwinkle Opaque

Cold characteristics

A dense, natural pastel blue-violet.

Working notes



Torch: Remains opaque even in small amounts. Holds a crisp edge in the flame. Opaque rods are formulated solely for flameworking with Bullseye rods.

Kiln: Not recommended for kilnforming.



000024-0576 Tomato Red

Contains: **Se S**

May react with: **Cu Pb Ag**

Cold characteristics

Opaque orange-red. Slight variations in cold color from one production run to another.

Working notes



Torch: Lighter color and greater opacity than in sheet glass form. Keep it bright red by working with a neutral-to-oxidizing flame atmosphere.

Kiln: Lighter color and greater opacity than in sheet glass form.



000034-0576 Light Peach Cream

Contains: **Se**

May react with: **Cu Pb**

Cold characteristics

Translucent, milky peach.

Working notes



Torch: Relatively translucent opalescent glass that is more opaque when used in thicker applications, such as a core bead. Sometimes small bubbles are evident while the glass is molten but these typically are not visible in the cold rod or the finished work.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000046-0576 Bluestone Opaque

Contains: **Cu**

May react with: **Se S**

Cold characteristics

Teal blue, a shade lighter than standard Steel Blue ([000146-0576](#)) and with greater opacity.

Working notes





Torch: Remains opaque even in small amounts. Holds a crisp edge in the flame. Greater copper content than [000146-0576](#) (Steel Blue Opal), which often produces stronger reactions. Opaque rods are formulated solely for flameworking with Bullseye rods.
Kiln: Not recommended for kilnforming.



000064-0576 Sterling Blue Opaque

Contains: 

May react with:  

Cold characteristics
A dense, warm, medium blue.
Working notes



Torch: Remains opaque even in small amounts. Holds a crisp edge in the flame. Greater copper content than [000164-0576](#) (Egyptian Blue Opal), which often produces stronger reactions. A silvery sheen may develop in the flameworking and annealing process when left exposed on the surface. Opaque rods are formulated solely for flameworking with Bullseye rods.
Kiln: Not recommended for kilnforming.



000100-0576 Black

Cold characteristics
True black.
Working notes



Torch: 000100-0576 remains black except in extremely thin applications, when it may become dark gray. It is a soft glass. Beware of heating the glass so much that it bleeds and webs out over other glasses—or use this quality as a design element. Consider using 000101-0576, Stiff Black for a crisper appearance.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000101-0576 Stiff Black

Cold characteristics
True black, looks identical to 000100-0576.
Working notes



Torch: Holds a crisp edge in the flame longer & hotter than 000100-0576.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).
Other
Stiff Black was originally developed for glass blowing purposes such as the Roll-up technique. Labeling is encouraged because it looks identical to 000100-0576.



000108-0576 Powder Blue

Cold characteristics
Translucent, milky blue.
Working notes



Torch: A relatively translucent opalescent style that is more opaque when used in thicker applications, such as a core bead.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).




000112-0576 Mint Green

Cold characteristics
Translucent, milky green.
Working notes



Torch: A relatively translucent opalescent style that is more opaque when used in thicker applications, such as a core bead. Sometimes small bubbles are evident while the glass is molten but these typically are not visible in the cold rod or the finished work.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

 000114-0576 Cobalt Blue

Cold characteristics
Slightly translucent opalescent blue. Light cobalt color.
Working notes




Torch: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).


Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

Other

For a deeper cobalt blue consider using 000147-0576, Deep Cobalt Blue.

 000116-0576 Turquoise Blue

Contains: 


May react with:  

Cold characteristics
Slightly translucent opalescent turquoise.
Working notes



Torch: In general, 000116-0576 becomes more opaque once it is flameworked, although it is translucent in smaller amounts.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).


 000117-0576 Mineral Green


Cold characteristics
Slightly translucent opalescent.
Working notes



Torch: A stable green that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

 000120-0576 Canary Yellow

Contains: 

May react with:   

Cold characteristics
Opaque.
Working notes



Torch: Lighter color and greater opacity than in sheet glass form. Keep it a bright yellow by working with a neutral to oxidizing flame atmosphere. Can turn gray in reduction.

Kiln: Lighter color and greater opacity than in sheet glass form.



000124-0576 Red

Contains: **Se** **S**

May react with: **Cu** **Pb** **Ag**

Cold characteristics

Slight variations in cold color from one production run to another.

Working notes



Torch: Lighter color and greater opacity than in sheet glass form. Keep it bright red by working with a neutral to oxidizing flame atmosphere. Can turn gray in reduction. A range of color can be achieved by variations in heatwork in a single piece.

Kiln: Lighter color and greater opacity than in sheet glass form.



000125-0576 Orange

Contains: **Se** **S**

May react with: **Cu** **Pb** **Ag**

Cold characteristics

Opaque.

Working notes



Torch: Lighter color and greater opacity than in sheet glass form. Keep it bright orange by working with a neutral to oxidizing flame atmosphere. Can turn gray in reduction.

Kiln: Lighter color and greater opacity than in sheet glass form.



000126-0576 Spring Green

Contains: **S**

May react with: **Cu** **Pb** **Ag**

Cold characteristics

Slight variations from one production run to another.

Working notes



Torch: Lighter color and greater opacity than in sheet glass form. Keep it a bright chartreuse by working with a neutral to oxidizing flame atmosphere. Can turn gray in reduction.

Kiln: Lighter color and greater opacity than in sheet glass form.



000127-0576 Nougat

Contains: **S**

May react with: **Cu** **Pb** **Ag**

Cold characteristics

A warmer neutral than French Vanilla ([000137-0576](#)).

Working notes



Torch: Rod-only glass style. A range of color can be achieved by variations in heatwork within a single piece. To avoid reduction, work in a neutral-to-oxidizing flame atmosphere.

Kiln: Rod-only glass style. Warm, neutral color. Rod color is close to 000137-30, French Vanilla sheet, after a full fuse firing. A linear, streaked design may develop upon firing and may be visible whether fired lengthwise or on end.



000132-0576 Driftwood Gray

Working notes



Torch: A stable pale gray that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000136-0576 Deco Gray

Working notes



Torch: Avoid thermal shock by warming this style gradually.

Kiln: Slightly browner and less purple than in kilnformed sheet form.



000137-0576 French Vanilla

Contains:



May react with:

Cold characteristics

Opaque, very white.

Working notes



Torch: Avoid thermal shock by warming this style gradually.

Kiln: Lighter color and greater opacity than in sheet glass form. Very viscous; will flow later and less than other glasses.

Other

000137 has a lighter color in rod (-0576) and stringer (-07, -72) forms than in sheet (-30).



000141-0576 Dark Forest Green

Cold characteristics

Opaque.

Working notes



Torch: A stable green that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000142-0576 Neo-Lavender

Cold characteristics

Slightly translucent opalescent. Color shift described below.

Working notes



Torch: A relatively translucent opalescent style that is more opaque when used in thicker applications, such as a core bead.

Kiln: Consider a design solution to avoid or remove potential devitrification: cap with clear or sandblast/remove devitrification through coldworking methods.

Other

000142-0576 is a rare earth glass that shifts from icy blue to bright pastel lavender depending on the light source. It is not a striking glass. Consider a design solution to avoid or remove potential devitrification: cap with clear or sandblast/remove devitrification through coldworking methods.



000144-0576 Teal Green

Contains:




May react with: **Se S**
Cold characteristics
Opaque.
Working notes



Torch: A stable blue-green that is not prone to reduction in a neutral flame. Can turn rust color in reduction.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

 000145-0576 Jade Green


Contains: **Cu**

May react with: **Se S**
Cold characteristics
Opaque.
Working notes



Torch: A stable green that is not prone to reduction in a neutral flame. Can turn rust color in reduction. Slightly darker green than in sheet form.

Kiln: Slightly darker green than in sheet form. Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

 000146-0576 Steel Blue


Contains: **Cu**

May react with: **Se S**
Cold characteristics
Opaque. Can have a dry surface.
Working notes



Torch: Keep the glass blue by working it in a neutral flame throughout the process and keep it uniformly heated. Develop a matte metallic surface on this glass by forming the glass in a neutral flame; next change the flame to a reducing atmosphere by turning down the oxygen. At this point the surface should begin developing a metallic quality. Then turn off the oxygen completely, and build up a layer of carbon on the glass. Put the piece away in the annealing kiln with this carbon layer on it. Once removed from the kiln, the carbon is easily removed to expose a matte metallic surface. If you return the carbonized piece to a neutral flame, the metallic surface will disappear.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).


 000147-0576 Deep Cobalt Blue

Cold characteristics
Opaque.
Working notes



Torch: A stable blue that is not prone to reduction in a neutral flame.

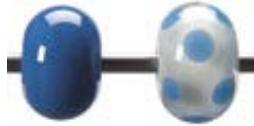
Kiln: Consider a design solution to avoid or remove potential devitrification: cap with clear or sandblast/remove devitrification through coldworking methods.

 000164-0576 Egyptian Blue

Contains: **Cu**

May react with: **Se S**
Cold characteristics

Opaque.
Working notes



Torch: A stable blue that is not prone to reduction in a neutral flame. Can turn rust color in reduction.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000203-0576 Woodland Brown

Contains: **Cu** **Se** **S**

May react with: **Cu** **Pb** **Se** **Ag** **S**



Cold characteristics
Medium, mousey brown to gray, opaque.
Working notes



Torch: 000203-0576 matures to rich, dark brown in the flame.
Kiln: Lighter, yellow-side color in comparison to sheet glass form.
Other

The brown color of this style results from reactions between several of the elements that are listed as reactive with one another elsewhere on this chart. As such, it may react with many of the other glasses that contain these elements. However it is likely that the reaction will be subtle or unnoticeable due to similarities in the color of the reaction and the color of the glass. Lighter, yellow-side color in comparison to sheet glass form.



000212-0576 Olive Green

Cold characteristics
Opaque, muted green.
Working notes



Torch: A stable green that is not prone to reduce in a neutral flame.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000216-0576 Light Cyan

Contains: **Cu**

May react with: **Se** **S**

Cold characteristics
Slightly translucent opalescent.
Working notes



Torch: To avoid reduction, work in a neutral-to-oxidizing flame atmosphere. Can turn rust color in reduction.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000220-0576 Sunflower Yellow

Contains: **Se** **S**

May react with: **Cu** **Pb** **Ag**



Cold characteristics
A warmer version of 000120-0576, Canary Yellow. Opaque.

Working notes



Torch: This dense opalescent stays true to color except when used in the smallest amounts. Keep it bright yellow by working with a neutral-to-oxidizing flame atmosphere. Can turn gray in reduction. We advise labeling all striking glasses.

Kiln: Lighter color and greater opacity than in sheet glass form.



000227-0576 Golden Green

Contains:  

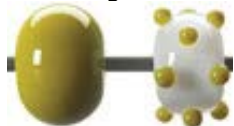
May react with:   



Cold characteristics

Opaque. Muted.

Working notes



Torch: A range of color can be achieved by variations in heatwork within a single piece. Lighter golden color and greater opacity than in sheet glass form. Slight variation in color with different production runs.

Kiln: Lighter golden color and greater opacity than in sheet glass form. Slight variation in color with different production runs.



Other

Frameworked color is a shade darker than the cold rod.



000243-0576 Translucent White

Contains: 

May react with:  



Cold characteristics

(Deceptively) clear or clear with a white struck streak running lengthwise down the middle of the rod.

Working notes



Torch: 000243-0576 can strike to a transparent white with stone like qualities similar to quartz. Generally speaking, the heat required to form a bead leaves the glass unstruck and clear. This glass strikes as it cools, rather than when it is heated.

Here is a series of steps that can make the striking process more efficient:

Make a bead as usual in a neutral flame. Once the bead is formed, cool it (still in the flame, but farther away from the nozzle & flash it in an out of the flame). As the glass cools to a point where it is no longer moving or slumping on the mandrel, turn off the oxygen and hold the bead in the propane (fuel) flame while still rotating the mandrel.

Do this until carbon collects on the glass (not just the mandrel). The purpose is not to actually carbonize or reduce the glass but simply to keep it at a cool, consistent temperature throughout the piece. Turn the oxygen back on and ease the bead into the neutral flame from the tip of the flame (farthest from the nozzle). Reheat the glass and bring it to a slightly molten state while keeping it cool enough to retain its shape. The carbon will burn away. At this point, briefly remove the bead from the flame. Looking closely at the bead, it should start to take on a hazy appearance with a yellow tint which is the glass beginning to strike. The bead may need a little more heat, just to equalize the temperature of the glass and to keep it warm as it gets put into a kiln for annealing.

This process holds the glass in the appropriate striking zone, and is slightly unusual for many torchworking styles. This approach may not be necessary if the style of torchwork being done involves holding the glass at cooler temperatures over a longer period of time (like some sculptural work).

Other

In making components for kilnforming, it is not necessary to strike the glass in the flame because it will strike in the subsequent kilnforming processes. On a similar note, 000243-0576 that has been struck to a translucent white in a kiln may change back to clear if worked in the flame.

It is possible to strike portions of the 000243-0576 to translucent white and leave some portions clear within the same piece. Continued work in the flame on a piece that is already opalized can "chase" the translucent white color from the molten area and concentrate it in the cooler area within a single piece.

Kiln: Opacity may vary upon firing , as the core may not strike completely. Expect variation.



000301-0576 Pink

Contains: **Pb**

May react with: **Se S**



Cold characteristics

Palest pink with a slight blue cast.

Working notes



Torch: Strike this glass to pink by working it in the flame, then cooling it just outside of the flame and then gradually reheating it. Once struck it should be medium to dark pink while it is still hot. If the glass looks white, continue to cool and gradually reheat the glass until it strikes. The pink is easier to strike if it has been worked in a cooler flame to begin with; try to work with it farther out in the flame, away from the nozzle. When molten, this glass has a low viscosity and can be quite soft, which may result in a blurred edge where it meets other glasses. We advise labeling all striking glasses.

Kiln: Not recommended for kilnforming.



000303-0576 Dusty Lilac

Contains: **Pb**

May react with: **Se S**

Cold characteristics

Opaque, muted lilac. Can have a semi matte surface.

Working notes



Torch: 000303-0576 becomes shiny once it is worked in the flame, and remains so in the finished work.

When molten, this glass has a low viscosity and can be quite soft, which may result in a blurred edge where it meets other glasses.

Kiln: Slight variation in color with different production runs.



000305-0576 Salmon Pink

Contains: **Pb**

May react with: **Se S**



Cold characteristics

Palest peach pink. Slightly translucent.

Working notes



Torch: Similar to 000301-0576 in nature and color, with slightly orange hues. Strike this glass to salmon pink by working it in the flame, then cooling it just outside of the flame and then gradually reheating it.

Once struck it should be medium to dark orange-pink while it is still hot. If the glass looks white, continue to cool and gradually reheat the glass until it strikes. Striking this color is easier if it has been worked in a cooler flame to begin with; try to work with it farther out in the flame, away from the nozzle. When molten, this glass has a low viscosity and can be quite soft, possibly resulting in a blurred edge where it meets other glasses. We advise labeling all striking glasses.

Kiln: Not recommended for kilnforming.



000309-0576 Cinnabar

Contains: **Se S**

May react with: **Cu Pb Ag**

Cold characteristics

Opaque.

Working notes



Torch: Depending on the heatwork of the glass, as indicated by color when it is put into an annealing kiln, a range of colors may be achieved. If this glass is put into an annealing kiln with a deep brown hue, a target Cinnabar color will result in the finished piece. If it is very light beige, as opposed to deep brown, and the desired result is Cinnabar, gradually cool and reheat the glass without bringing it to a soft state. Look for it to turn deep brown and then put it into an annealing kiln.

Kiln: Lighter color and greater opacity than in sheet glass form. Rod color is close to 000329-30, Burnt Orange, after a full fuse firing.



000312-0576 Pea Pod

Cold characteristics

Opaque.



Working Notes

Torch: A stable green that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000313-0576 Dense White

Contains: **Pb**

May react with: **Se S**

Cold characteristics

Translucent, milky white.

Working notes



Torch: 000313-0576 opacifies when used in the flame. Is whitest when used as a core bead. 000313-0576 is more prone to reduction than other Bullseye styles. Keep it white by working with it in a slightly oxidizing atmosphere. Sometimes small bubbles are evident while the glass is molten, but these typically are not visible in the cold rod or the finished work.

Kiln: Not recommended for kilnforming.



000321-0576 Pumpkin Orange

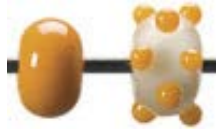
Contains: **Se S**

May react with: **Cu Pb Ag**

Cold characteristics

In cold rod form, the color of 0321-0576 can vary even within the same production run.

Working notes



Torch: This style may start off as light orange, consistently developing a bright, squashy color upon use in the flame. Depending on the color of the bead when it is put away, a range of colors may be achieved. If this glass is put into an annealing kiln with a red hue, then a true pumpkin orange color will result in the finished piece. If it is very light orange as opposed to red and the desired result is a true pumpkin orange color, gradually cool and reheat the glass without bringing it to a soft state, look for it to turn red and then put it into the annealing kiln.

Kiln: Lighter color and greater opacity than in sheet glass form. Slight variation in color with different production runs.



000329-0576 Burnt Orange

Contains: **Se S**

May react with: **Cu** **Pb** **Ag**

Cold characteristics

Opaque.

Working notes



Torch: A range of color can be achieved by variations in heatwork within a single piece.

Kiln: Lighter color and greater opacity than in sheet glass form. Slight variation in color with different production runs.

Other

Flameworked color is a shade darker than the cold rod.



000334-0576 Gold Purple

Contains: **Pb**

May react with: **Se** **S**

Cold characteristics

Opaque, dark purple.

Working notes



Torch: Gold Purple in rod form becomes lighter in color once flameworked. When molten, this glass has a low viscosity and can be quite soft, which may result in a blurred edge where it meets other glasses.

Kiln: Not recommended for kilnforming.

Other

The name Gold Purple comes from the gold that is used as an ingredient in the manufacturing process.



000337-0576 Butterscotch

Contains: **Se** **S**

May react with: **Cu** **Pb** **Ag**

Cold characteristics

Opaque.

Working notes



Torch: A range of color can be achieved by variations in heatwork within a single piece.

Kiln: Lighter color and greater opacity than in sheet glass form.

Other

Flameworked color is a shade darker than the cold rod.



000421-0576 Petal Pink

Cold characteristics

Slightly translucent opalescent.

Working Notes



Torch: A stable pink that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



000459-0576 Rhubarb Pastel

Cold characteristics

Slightly translucent opalescent. Color shift described below.

Working Notes



Torch: A stable pastel that is not prone to reduction in a neutral flame.

Kiln: Rod-only glass style. Consider a design solution to avoid or remove potential devitrification: cap with clear or sandblast/remove devitrification through coldworking methods.

Other

An opalescent version of 001859, 000459 is a rare earth glass that shifts from a pale blue to a pale green to a neutral pink depending on the light source.



001022-0576 Red-orange

Contains:



May react with:



Cold characteristics

Light transparent amber.

Working notes



Torch: Strikes to a red-orange in the flame. Keep 001022-0576 transparent by using it in small amounts with minimal heatwork, or adding it near the end of the time in the flame. Before it is put into an annealing kiln, check that 001022-0576 has truly struck; it should appear very dark, almost black. If it is still light in color, gently cool and reheat the glass without bringing it to a molten state and watch for the glass to darken as it strikes. We advise labeling all striking glasses.

Kiln: Rod-only glass style.



001101-0576 Clear

Cold characteristics

Clear. May have a green cast when viewed from the end.

Working notes



Torch: This clear has very few internal bubbles and is very suitable for encasing. To avoid reduction, work with 001101-0576 in a neutral-to-oxidizing flame atmosphere.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001101-0876 CLEAR 7-9mm

Cold characteristics

Clear. May have a green cast when viewed from the end.

Working notes



Torch: This wider clear rod has few internal bubbles and is suitable for encasing. To avoid reduction, work in a neutral-to-oxidizing flame atmosphere.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001105-0576 Deep Plum

Cold characteristics

Very dark transparent, could be mistaken for black. View in strong backlight to verify color.

Working notes



Torch: Dense color that remains strong even in thin applications.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001107-0576 Light Green

Cold characteristics

Light transparent bottle green.

Working notes



Torch: A stable green that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

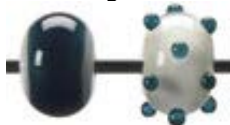


001108-0576 Aquamarine Blue

Cold characteristics

Very dark transparent, could be mistaken for black. View in strong backlight to verify color.

Working notes



Torch: Dense color that remains strong even in thin applications.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001109-0576 Dark Rose Brown

Cold characteristics

Very dark transparent, could be mistaken for black. View in strong backlight to verify color.

Working notes



Torch: Dense color that appears to be light plum in thin applications.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001112-0576 Aventurine Green

Cold characteristics

Opaque with a semi-matte, gritty, sparkled surface that is smoother than 001412-0576, Light Aventurine Green.

Working notes



Torch: In the flame, the gritty texture of the cold rod translates to light sparkles suspended in a smooth transparent green glass. When molten, this glass has an extremely low viscosity and can be quite soft, which may result in a blurred edge where it meets other glasses.

Kiln: Sparkles are more densely populated on the outer surface of the rod.

Other

001112-0576 is more of a blue-green with smaller sparkles than 001412-0576. This difference is most evident in thin applications.



001114-0576 Deep Royal Blue

Cold characteristics

Dark transparent blue. 001114-0576 is extremely consistent from one production run to another.

Working notes





Torch: Dense color that remains strong even in thin applications. A stable blue that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001116-0576 Turquoise Blue

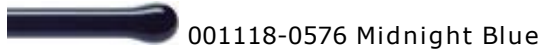
Contains: 

May react with:  

Cold characteristics
Bright transparent turquoise.
Working notes



Torch: A stable blue that is not prone to reduction in a neutral flame.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

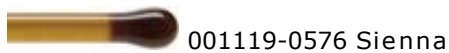


001118-0576 Midnight Blue

Cold characteristics
Very dark transparent, could be mistaken for black. View in strong backlight to verify color.
Working notes



Torch: Dense color that remains strong even in thin applications.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001119-0576 Sienna

Contains: **Cu** **Se** **S**
May react with: **Pb** **Se** **Ag** **S**



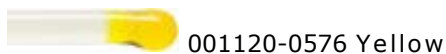
Cold characteristics
Very dark brown.
Working notes



Torch: Color develops in the flame. Keep this style transparent by using it in small amounts with minimal heatwork.

Other

The brown color of this style results from reactions between several of the elements that are listed as reactive with one another elsewhere on this chart. As such, it may react with many of the other glasses that contain these elements. However it is likely that the reaction will be subtle or unnoticeable due to similarities in the color of the reaction and the color of the glass. We advise labeling all striking glasses.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001120-0576 Yellow

Contains: **S**
May react with: **Cu** **Ag**



Cold characteristics
Pale transparent amber, similar to 001125-0576 and 001437-0576. May have a struck streak of yellow running lengthwise down the rod.
Working notes



Torch: Yellow color develops in the flame. Keep 001120-0576 transparent by using it in small amounts with minimal heatwork, or consider adding it towards the end of the time in the flame. We advise labeling all striking glasses.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001122-0576 Red

Contains: **Se** **S**

May react with: **Cu** **Pb** **Ag**



Cold characteristics

Candy apple red with slight variance in transparency.

Working notes



Torch: Consistent color. Keep 001122-0576 transparent by using it in small amounts with minimal heatwork, or adding it towards the end of the time in the flame. We advise labeling all striking glasses.
Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001125-0576 Orange

Contains: **Se** **S**

May react with: **Cu** **Pb** **Ag**



Cold characteristics

Pale transparent amber, similar to 001120-0576 and 001437-0576. May have a struck streak of orange running lengthwise down the rod.

Working notes



Torch: Strikes to saturated, transparent orange. Keep 001125-0576 transparent by using it in small amounts with minimal heatwork, or adding it towards the end of the time in the flame. We advise labeling all striking glasses.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001126-0576 Chartreuse

Contains: **S**

May react with: **Cu** **Pb** **Ag**



Cold characteristics

Extremely light coloration.

Working notes



Torch: Strikes to a variety of greens ranging from dark yellow-green to lighter pale green. Keep 001126-0576 transparent by using it in small amounts with minimal heatwork, or adding it towards the end of the time in the flame. We advise labeling all striking glasses.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001128-0576 Deep Royal Purple

Cold characteristics

Very dark transparent, could be mistaken for black. View in strong backlight to verify color.

Working notes



Torch: Dense color that remains strong even in thin applications.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001129-0576 Charcoal Gray

Cold characteristics

Very dark transparent, could be mistaken for black. View in strong backlight to verify color.

Working notes



Torch: Dense color that remains strong even in thin applications.

Other

1129-0576 is also an option for a dark core bead that looks black but behaves with higher viscosity than Black (000100-0576). See Stiff Black (000101-0576) for similar qualities.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001137-0576 Medium Amber

Contains:



May react with:



Cold characteristics

Transparent amber, slightly deeper than the cold color of 001022-0576.

Working notes



Torch: A stable amber that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001141-0576 Olive Green

Cold characteristics

Dark transparent green.

Working notes



Torch: A stable green that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001145-0576 Kelly Green

Contains:



May react with:



Cold characteristics

Very dark transparent, could be mistaken for black. View in strong backlight to verify color.

Working notes



Torch: Dense color that remains strong even in thin applications.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001164-0576 Caribbean Blue

Contains:



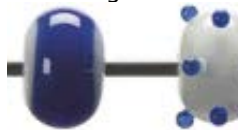
May react with:



Cold characteristics

Deep transparent; slightly more transparent than 001114-0576.

Working notes



Torch: Dense color that remains strong even in thin applications. Labeling is encouraged because of similarities with 001114-0576.

Kiln: Rod-only glass style.



001215-0576 Light Pink Striker

Contains:

May react with:



Cold characteristics

Pale transparent blue to lavender. In some lighting may look similar to 001442-0576, 001311-0576, and 001342-0576.

Working notes



Torch: 001215-0576 strikes to a transparent pink in the flame. Work in a cooler, oxidizing atmosphere. May develop a light brown color on the surface of the glass if worked in the presence of too much propane (or fuel). Light Pink strikes more reliably in larger applications, such as a core bead.

Kiln: A linear, streaked design may develop upon firing and may be visible whether fired lengthwise or on end. Hue and saturation may also differ slightly when compared to sheet glass; a wider range is accepted due to changes that occur in the forming process.

Other

The resulting light pink is more transparent than torchworked sheet glass of the same style (001215-50, 001215-30). Consider encasing with clear to protect the surface from developing a light brown color in the hotter, neutral flame chemistry that you would use for most other styles. We advise labeling all striking glasses.



001232-0576 Light Fuchsia

Contains:

May react with:



Cold characteristics

Light blue-lavender. May have a hint of the struck color. Slight variations in cold and flameworked color from one production run to another.

Working notes



Torch: Work in a cooler, oxidizing atmosphere. Once formed in the flame, if Light Fuchsia has not struck, cool the glass in the flame until it is stable and behaves more like a solid. Gently reheat then cool the mass while looking for its color to deepen. Light Fuchsia strikes more reliably in larger applications, such as a core bead.

Kiln: Rod-only glass style. A linear, streaked design may develop upon firing and may be visible whether fired lengthwise, or on end.



001234-0576 Violet Striker

Contains:

May react with:



Cold characteristics

Transparent light-to-medium blue, similar to 001414-0576. There will be variance in the cold rods as some have streaks of darker blue.

Working notes



Torch: 001234-0576 strikes to a transparent blue-purple in the flame, but may develop light streaks of purple and/or pink. Work in a cooler, oxidizing atmosphere. May develop a light brown color on the surface of the glass if worked in the presence of too much propane (or fuel).

Kiln: Blue-violet. A linear, streaked design may develop upon firing and may be visible whether fired lengthwise or on end. Hue and saturation may also differ slightly when compared to sheet glass; a wider range is accepted due to changes that occur in the forming process.

Other

The color of struck 001234-0576 has more transparency and the hue has more blue undertones than torchworked sheet glass of the same style. Consider encasing with clear to protect the surface from developing a light brown color in the hotter, neutral flame chemistry that you would use for most other styles. We advise labeling all striking glasses.



001305-0576 Sunset Coral

Contains: **Pb** **Ag**

May react with: **Se** **S**



Cold characteristics

Transparent peach with a hazy sheen.

Working notes



Torch: Work in a cooler, oxidizing atmosphere. May develop a light brown color on the surface of the glass if worked in the presence of too much propane (or fuel).

Kiln: A linear, streaked design may develop upon firing and may be visible whether fired lengthwise or on end. Hue and saturation may also differ slightly when compared to sheet glass; a wider range is accepted due to changes that occur in the forming process.

Other

Consider encasing with clear to protect the surface from developing a light brown color in the hotter, neutral flame chemistry that you would use for most other styles. We advise labeling all striking glasses.



001311-0576 Cranberry Pink

Contains: **Pb**

May react with: **Se** **S**



Cold characteristics

Light transparent blue to lavender.

Working notes



Torch: 001311-0576 strikes to a deep transparent pink in the flame. Work in a cooler, oxidizing atmosphere. May develop a light brown color on the surface of the glass if worked in the presence of too much propane (or fuel).

Kiln: A linear, streaked design may develop upon firing and may be visible whether fired lengthwise or on end. Hue and saturation may also differ slightly when compared to sheet glass; a wider range is accepted due to changes that occur in the forming process.

Other

Consider encasing with clear to protect the surface from developing a light brown color in the hotter, neutral flame chemistry that you would use for most other styles. We advise labeling all striking glasses.



001322-0576 Garnet

Contains: **Se** **S**

May react with: **Cu** **Pb** **Ag**



Cold characteristics

Pale transparent amber.

Working notes



Torch: Strikes to a deep red in the flame and is rust colored in small amounts. Keep 001322-0576 transparent by using it in small amounts with minimal heatwork, or adding it near the end of the time in the flame. Before it is put into an annealing kiln, check that 001322-0576 has truly struck; it should appear

very dark, almost black. If it is still light in color, gently cool and reheat the glass without bringing it to a molten state and watch for the glass to darken as it strikes. Labeling is advised because 001322-0576 looks very similar to 001137-0576.

Kiln: Hue and saturation may differ slightly when compared to sheet glass; a wider range is accepted due to changes that occur in the forming process.



001334-0576 Gold Purple

Contains: **Pb**

May react with: **Se S**



Cold characteristics

Dark transparent blue, similar to 1114.

Working notes



Torch: Work in a cooler, oxidizing atmosphere. May develop a light brown color on the surface of the glass if worked in the presence of too much propane (or fuel).

Kiln: A linear, streaked design may develop upon firing and may be visible whether fired lengthwise or on end. Hue and saturation may also differ slightly when compared to sheet glass; a wider range is accepted due to changes that occur in the forming process.

Other

Consider encasing with clear to protect the surface from developing the light brown color in the hotter, neutral flame chemistry that you would use for most other styles. We advise labeling all striking glasses.



001342-0576 Cranberry Sapphirine

Contains: **Pb**

May react with: **Se S**



Cold characteristics

Pale blue to lavender with a hazy sheen.

Working notes



Torch: 001342-0576 develops a range of streaky pinks in the flame. Work in a cooler, oxidizing atmosphere. May develop a light brown color on the surface of the glass if worked in the presence of too much propane (or fuel).

Kiln: Rod-only glass style. A linear, streaked design may develop upon firing and may be visible whether fired lengthwise or on end. Slight variation in color with different production runs.

Other

Sapphirine is designed to appear light blue in transmission and slightly brown in reflection in its cold state. It is designed to be streaky pink in transmission with slightly brown undertones in reflection after it has been flameworked. We advise labeling all striking glasses.



001401-0576 Crystal Clear

Cold characteristics

Bright, colorless crystal clear when viewed from the end.

Working notes



Torch: This clear has very few internal bubbles and is very suitable for encasing. To avoid reduction, work with 001401-0576 in a neutral to oxidizing flame atmosphere.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001405-0576 Light Plum

Working notes



Torch: A stable plum that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001406-0576 Steel Blue

Cold characteristics

Medium to dark transparent blue. Muted.

Working notes



Torch: A stable blue that is not prone to reduction in a neutral flame.

Other

001406-0576 is consistent in color and more predictable than its opalescent partner, 000146-0576.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001408-0576 Lt. Aquamarine Blue

Contains: 

May react with:

Cold characteristics

Transparent.

Working notes



Torch: A stable blue that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001409-0576 Light Bronze

Working notes



Torch: A stable brown that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001412-0576 Lt. Aventurine Green

May react with:

Cold characteristics

Gritty, sparkled surface that is rougher and slightly more transparent than 001112-0576, Aventurine Green.

Working notes



Torch: In the flame, the gritty texture of the cold rod translates to light sparkles suspended in a smooth transparent green glass. When molten, this glass has an extremely low viscosity and can be quite soft, which may result in a blurred edge where it meets other glasses.

Kiln: Sparkles are more densely populated on the outer surface of the rod.

Other

001412-0576 is more of a yellow-green with larger sparkles than 001112-0576. This difference is most evident in thin applications.



001414-0576 Light Sky Blue

Working notes



Torch: A stable blue that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001417-0576 Emerald Green

Contains:

Cu

Se S

May react with:

Working notes



Torch: A stable green that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001426-0576 Spring Green

Cold characteristics

Medium transparent green with yellow hue.

Working notes



Torch: A stable green that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001428-0576 Light Violet

Working notes



Torch: A stable violet that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001429-0576 Light Silver Gray

Working notes



Torch: A stable gray that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001437-0576 Light Amber

Contains:

S

Cu Pb Ag

May react with:

Cold characteristics

Light transparent amber. Could be mistaken for 001120-0576, 001125-0576, or 001820-0576, so we advise labeling.

Working notes



Torch: A stable amber that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001439-0576 Khaki

Cold characteristics

Medium transparent brown, with more gray tones than 001409-0576.

Working notes



Torch: A stable brown that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001442-0576 Neo-Lavender Shift

Cold characteristics

Color shifts between transparent icy blue and lavender depending on the light source. Beware, this style looks clear when viewed through didymium lenses.

Working notes



Torch: Use over oranges and reds to intensify brightness.

Kiln: Reflective optical effect along interface with other styles, which is most visible when paired with transparent styles such as clear or tints.

Other

Finished work will have the same color shift properties as the glass in its un-worked, cold state. Not a striking glass.



001506-0576 Pale Steel Blue

Cold characteristics

Medium-to-light transparent blue. Muted.

Working notes



Torch: Rod-only glass style. A stable blue that is not prone to reduction in a neutral flame. Lighter color saturation than Steel Blue ([001406-0576](#)).

Kiln: Rod-only glass style. Less saturated and more transparent than Steel Blue ([001406-0576](#)).

Other

Pale Steel Blue is consistent in color and more predictable than Steel Blue Opal ([000146-0576](#)).



001514-0576 Pale Sky Blue

Cold characteristics

Light transparent blue.

Working notes



Torch: Rod-only glass style. A stable blue that is not prone to reduction in a neutral flame. Lighter color saturation than Light Sky Blue ([001414-0576](#)).

Kiln: Rod-only glass style. Less saturated and more transparent than Light Sky Blue ([001414-0576](#)).



001517-0576 Pale Emerald

Contains:

Cu

May react with:

Se S

Cold characteristics

Light, bright transparent green.

Working notes



Torch: Rod-only glass style. A stable green that is not prone to reduction in a neutral flame. Lighter color saturation than Emerald Green ([001417-0576](#)).

Kiln: Rod-only glass style. Less saturated and more transparent than Emerald Green ([001417-0576](#)).



001528-0576 Pale Amethyst

Cold characteristics

Light, muted violet.

Working notes



Torch: Rod-only glass style. A stable violet that is not prone to reduction in a neutral flame. Lighter color saturation than Light Violet ([001428-0576](#)).

Kiln: Rod-only glass style. Less saturated and more transparent than Light Violet ([001428-0576](#)).



001701-0576 Amber Lustre

Contains: **Pb Ag**

May react with: **Se S**

Cold characteristics

Clear.

Working notes



Torch: A reducing glass that can develop a metallic sheen with an amber cast. Begin by working 001701-0576 in a neutral flame. When ready to develop a metallic sheen, the glass should be relatively cool (no visible heat) and stable on the mandrel. Create a reduction atmosphere by turning the propane (fuel) up and watch for the surface of the glass to become metallic. Once this has happened, the piece should be put into an annealing kiln. This is a finishing step. If the metallic surface is reintroduced to a neutral flame, it will dissipate. It can be brought out again by returning it to a reduction atmosphere. When molten, this glass has a low viscosity, and can be quite soft, which may result in a blurred edge where it meets other glasses. In addition, the process of reducing the glass can cause a metallic sheen over areas of glass immediately adjacent to this style.

Kiln: Not recommended for kilnforming.

Other

001701-0576 is a relatively heavy glass, and there are 14 rods per pound (compared with 18-20 rods per pound for most other styles). Labeling is encouraged, because 001701-0576 stays deceptively clear until reduced.

Lustre rods are not part of the Bullseye Compatible line for kilnforming and are formulated solely for frameworking with Bullseye rods. We advise labeling all lustre glasses.



001707-0576 Green Lustre

Contains: **Pb Ag**

May react with: **Se S**

Cold characteristics

Pale transparent green.

Working notes



Torch: A reducing glass that can develop a metallic sheen. In some cases, this metallic sheen is transparent enough to see through it to the green glass. Start by working 001707-0576 in a neutral flame. When you are ready to develop a metallic sheen, the glass should be relatively cool (no visible heat) and stable on the mandrel. Create a reduction atmosphere by turning the propane (fuel) up and while passing the bead through the flame, watch for the surface of the glass to become metallic. Once this has happened, the piece should be put into an annealing kiln. This is a finishing step. If the metallic surface is reintroduced to a neutral flame, it will dissipate. It can be brought out again by returning it to a reduction atmosphere.

When molten, this glass has a low viscosity, and can be quite soft, which may result in a blurred edge where it meets other glasses. In addition, the process of reducing the glass can cause a metallic sheen over areas of glass immediately adjacent to this style.

Kiln: Not recommended for kilnforming.

Other

001707-0576 is a relatively heavy glass, and there are 14 rods per pound (compared with 18-20 rods per pound for most other styles). Labeling is encouraged, because 001707-0576 stays deceptively green until reduced.

Lustre rods are not part of the Bullseye Compatible line for kilnforming and are formulated solely for frameworking with Bullseye rods. We advise labeling all lustre glasses.



001714-0576 Blue Lustre

Contains: **Pb** **Ag**

May react with: **Se** **S**

Cold characteristics
Dark transparent blue.

Working notes



Torch: A reducing glass that can develop a metallic sheen similar to polished hematite. Begin by working 001714-0576 in a neutral flame. When ready to develop a metallic sheen, the glass should be relatively cool (no visible heat) and stable on the mandrel. Create a reduction atmosphere by turning the propane (fuel) up and watch for the surface of the glass to become metallic. Once this has happened, the piece should be put into an annealing kiln. This is a finishing step. If the metallic surface is reintroduced to a neutral flame, it will dissipate. It can be brought out again by returning it to a reduction atmosphere. When molten, this glass has a low viscosity, and can be quite soft, which may result in a blurred edge where it meets other glasses. In addition, the process of reducing the glass can cause a metallic sheen over areas of glass immediately adjacent to this style.

Kiln: Not recommended for kilnforming.

Other

001714-0576 is a relatively heavy glass, and there are 14 rods per pound (compared with 18-20 rods per pound for most other styles). Labeling is encouraged, because 001714-0576 stays deceptively blue until reduced.

Lustre rods are not part of the Bullseye Compatible line for kilnforming and are formulated solely for frameworking with Bullseye rods. We advise labeling all lustre glasses.



001717-0576 Copper Green Lustre

Contains: **Cu** **Pb** **Ag**

Cold characteristics
Pale transparent aqua-green.

Working notes



Torch: A versatile reducing glass that can develop a metallic sheen and/or opalize to a variagated, putty-like green. These various effects can be achieved by working with 001717-0576 with specific flame chemistry and heat history. Results will depend greatly upon the type of heat and forming methods required.

As 001717-0576 is heated into a gather and wound onto a mandrel, it will opalize on the rod between the gather and the cold glass. If formed hot enough, the bead will remain transparent. When you are ready to develop a metallic sheen, the glass should be relatively cool (no visible heat) and stable on the mandrel. Create a reduction atmosphere by turning the propane (fuel) up and while passing the bead through the flame, watch for the surface of the glass to become metallic. The lustre surface develops readily on cooler glass and can vary greatly depending on the length of time spent in the reduction atmosphere. Once this has happened, the piece should be put into an annealing kiln. This is a finishing step. If the metallic surface is reintroduced to a neutral flame, it will dissipate. It can be brought out again by returning it to a reduction atmosphere.

Often a design will necessitate holding the glass at a warm, stable state (cooler than molten, fluid glass). Under these conditions, 001717-0576 is likely to opalize. Once opalized, 001717-0576 may still be reduced as described above to bring out a metallic sheen, though it takes a little longer to develop. The finished appearance is different because it is backed by the opalized glass. Consider using 001717-0576 for its unique opalized color and work with it in a neutral to oxidizing atmosphere without reduction treatment. When molten, this glass has a low viscosity, and can be quite soft, which may result in a blurred edge where it meets other glasses. In addition, the process of reducing the glass can cause a metallic sheen over areas of glass immediately adjacent to this style.

Kiln: Not recommended for kilnforming.

Other

001717-0576 is a relatively heavy glass, and there are 14 rods per pound (compared with 18-20 rods per pound for most other styles). Labeling is encouraged.

Lustre rods are not part of the Bullseye Compatible line for kilnforming and are formulated solely for frameworking with Bullseye rods. We advise labeling all lustre glasses.



001806-0576 Juniper Blue

Cold characteristics

Light coloration, barely blue. View on a white background to verify color. May be mistaken for clear.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001807-0576 Grass Green

Cold characteristics

Light coloration, transparent green.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001808-0576 Aqua Blue

Contains: **Cu**

May react with:

Se S

Cold characteristics

Light coloration, transparent aqua blue.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001812-0576 Seaweed Aventurine Tint

Cold characteristics

In cold rod form, the color of 001812-0576 can vary even within the same production run, but is generally a light transparent streaky green, with a gritty, sparkled texture. 001812-0576 is more transparent than 001112-0576 and 001412-0576.

Working notes



Torch: In the flame, the gritty texture of the cold rod translates to light sparkles suspended in a smooth transparent green glass. The streaks from the cold rod may be evident in finished work. A stable tint that is not prone to reduction in a neutral flame.

Kiln: Various amounts of Aventurine Green streaked through a clear base. Expect variation. Aventurine streaks may be present at any location throughout the rod and are oftentimes part of the core.



001820-0576 Pale Yellow

Cold characteristics

Light coloration, transparent yellow. Differentiate from 001437-0576, 001120-0576, and 001125-0576 by looking for a bright yellow color in transmission when viewed from the end.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001821-0576 Erbium Pink

Cold characteristics

Light coloration, transparent pink.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001834-0576 Coral Orange

Contains:

Se

May react with:

Cu Pb

Cold characteristics

Light coloration, transparent orange.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001841-0576 Spruce Green

Cold characteristics

Light coloration, transparent muted blue-green.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).



001842-0576 Lt. Neo-Lavender Shift

Cold characteristics

Color shifts between transparent icy blue and lavender depending on the light source. 001842-0576 is more transparent than 001442-0576 (Neo-Lavender). Beware, this style looks clear when viewed through didymium lenses.

Working notes



Torch: Use over oranges and reds to intensify brightness. A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

Other

Finished work will have the same color shift properties found in the cold glass. Not a striking glass.



001859-0576 Rhubarb Pk/ Grn Shift

Cold characteristics

Though it depends on somewhat on the light source, this glass is typically green where thin and pink where thick.

Working notes



Torch: A stable tint that is not prone to reduction in a neutral flame.

Kiln: Working properties and kilnformed characteristics are consistent with sheet glass. See [GlassTips](#).

Other

Finished work will have the same color shift properties found in the cold glass. When used in small amounts, the shift between green and pink in this rare earth glass is subtle. The color shift becomes more dramatic in thicker applications and depends on the light source. In mixed types of light it appears to be brown. Not a striking glass.



002010-0576 Clear and Pink Opal

Contains: **Pb**

May react with: **Se S**

Cold characteristics

Streaky translucent. Pink opal and clear blend with variations in opacity even within the same production run.

Working notes



Kiln: Not recommended for kilnforming.

Other

This range of mixed-color rods was developed to facilitate making beads and other flameworked components with deep, marbled qualities.



002020-0576 Clear and Sunflower Yellow Opal

Contains: **Se S**

May react with: **Cu Pb Ag**

Cold characteristics

Streaky translucent. Sunflower opal and clear blend with variations in opacity even within the same production run.

Working notes



Kiln: Not recommended for kilnforming.

Other

This range of mixed-color rods was developed to facilitate making beads and other flameworked components with deep, marbled qualities.



002050-0576 Clear and Salmon Opal

Contains: **Pb**

May react with: **Se S**

Cold characteristics

Streaky translucent. Salmon Opal and clear blend with variations in opacity even within the same production run.

Working notes



Kiln: Not recommended for kilnforming.

Other

This range of mixed-color rods was developed to facilitate making beads and other flameworked components with deep, marbled qualities.