

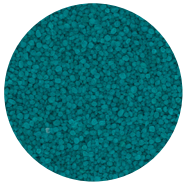
Resin Quartz



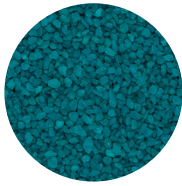
Resin Quartz is produced using some of the finest uniformly shaped and sized quartz granules on Earth. This unique product is brilliantly color-coated with an advanced resin system and high-quality colorfast pigments. Resin Quartz technology can achieve a vast spectrum of color, while also maintaining exceptional chemical and UV resistance, making it the ultimate solution for custom quartz pool finishes.

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Quartz Grades



S-Grade
20/40 mesh
Sub-Round



T-Grade
10/30 mesh
Angular



A-Grade (Accent Stone)
8/16 mesh
Angular

Physical Properties

Hardness	
Mohs Scale of Hardness	6.5 - 7
Bulk Density	
Aggregate unit Weight (ASTM C29)	90 - 105 lb/ft ³
Specific Gravity	
Relative Density (ASTM C128-07a)	2.65 g/cm ³
Chemical Resistance	
Liquid Immersion (ASTM C724-91)	Pass
Color ($\Delta E \leq 0.5$)	
Color Tolerance (ASTM G155)	Pass
Colorfastness / UV Stability	
Xenon Arc Light (ASTM G115)	Pass
Weatherability	
Xenon Arc Light (ASTM G115)	Pass
Melting Point	
Degrees Fahrenheit (°F)	3,100 °F

Chemical Analysis

Chemical	Percent, %
SiO ₂ (Silicon Dioxide)	99.800
Al ₂ O ₃ (Aluminium Oxide)	0.040
Fe ₂ O ₃ (Iron Oxide)	0.015
TiO ₂ (Titanium Dioxide)	< 0.010
CaO (Calcium Oxide)	< 0.010
MgO (Magnesium Oxide)	< 0.010
Na ₂ O (Sodium Oxide)	< 0.010
K ₂ O (Potassium Oxide)	< 0.010

* Pigment chemical levels vary based on specific quartz color formulations

Chemical Resistance

Liquid immersion for 18 hours in each chemical

Chemical [Concentration %]	Reaction
Aluminum Sulfate [25%]	None
Ammonium Hydroxide [28%]	None
Chlorine Bleach [15%]	None
Hydrochloric Acid [100%]	None
Industrial Detergent [50%]	None
Mineral Spirits [100%]	None
Sodium Carbonate [40%]	None
Tricloro-s-triazene [10%]	None
Trisodium Phosphate [40%]	None
Water [100%]	None
Xylene [100%]	None

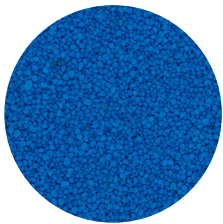
Packaging

Unit Packaging	50 lb bags (22.68 kg) Multi-wall paper bags
Full Pallets	56 bags 2,800 lb net weight 2,850 lb gross weight
Full Truckloads	840 bags / 15 pallets 42,000 lb net weight 42,750 lbs gross weight
Freight / Shipping	Class 50

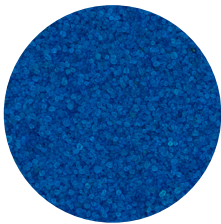
WARNING: This product contains crystalline silica / quartz, which can cause silicosis (an occupational lung disease) and lung cancer. For detailed information on the potential health effects of crystalline silica / quartz, see TORGINOL® Resin Quartz - Safety Data Sheet.

DISCLAIMER: The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. Torginol, Inc. makes no representation or warranty concerning the products, expressed or implied, by this Product Data Sheet.

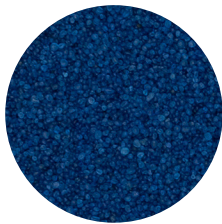
Resin Quartz *Color Palette*



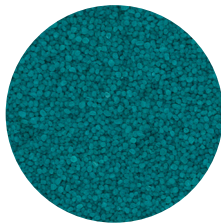
QR115 (A,S,T)
Cobalt



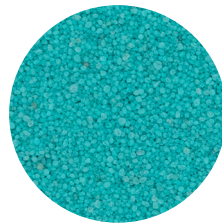
QR110 (S,T)
Blue



QR120 (S,T)
Navy



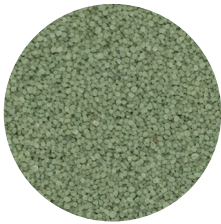
QR140 (A,S,T)
Teal



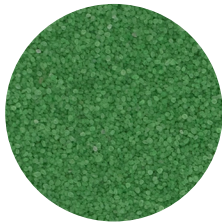
QR160 (A,S,T)
Capri



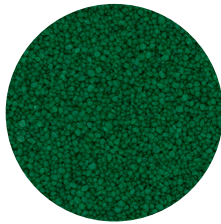
QR130 (S,T)
Slate



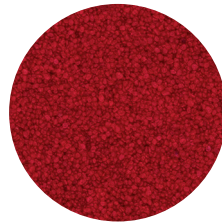
QR140 (S,T)
Lemongrass



QR120 (S,T)
Vineyard



QR130 (S,T)
Rainforest



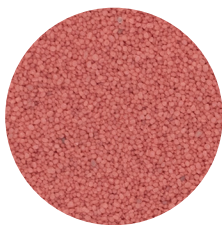
QR160 (S,T)
Red



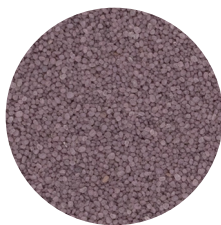
QR1650 (S,T)
Bordeaux



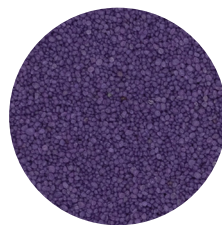
QR1230 (S,T)
Cappuccino



QR1640 (S,T)
Apricot



QR1810 (S,T)
Plum



QR1820 (S,T)
Loganberry



QR1210 (S,T)
Ivory



QR1250 (S,T)
Taupe



QR1240 (S,T)
Tan



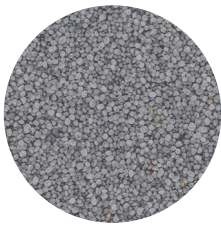
QR1290 (S,T)
Toffee



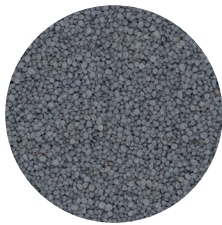
QR1270 (S,T)
Brown



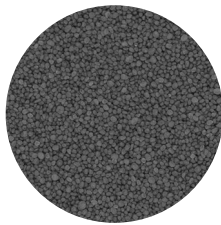
QR1010 (S,T)
White



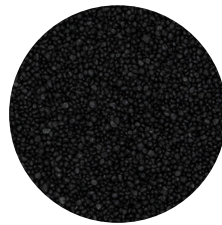
QR1320 (S,T)
Smoke



QR1330 (S,T)
Gravel



QR1340 (S,T)
Charcoal



QR1020 (S,T)
Black

DISCLAIMER: The colors on this Product Data Sheet may not be exact due to printing process & screen limitations.
For absolute color fidelity, colors should be selected from physical samples.