

Ceramic Quartz



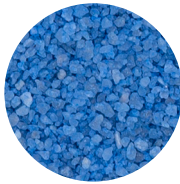
Ceramic Quartz is produced using some of the finest uniformly shaped and sized quartz granules on Earth. This unique product is heat-fused with ceramic-coated high-quality colorfast pigments. Ceramic Quartz is exceptionally resilient to harsh chemicals and UV rays, providing optimal durability and performance in the most demanding environments.

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

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

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

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® Ceramic 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.

Ceramic Quartz *Color Pallete*



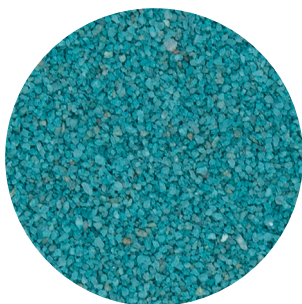
QCIII5-S
Cobalt



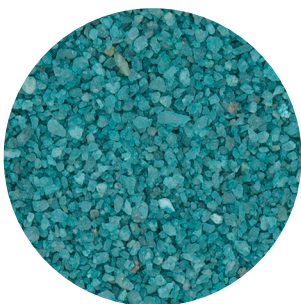
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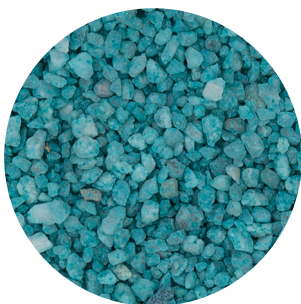
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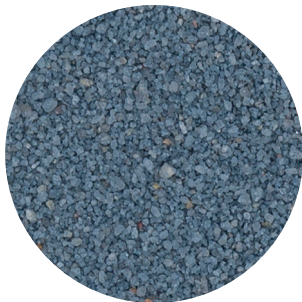
QCII40-S
Teal



QCII40-T
Teal



QCII40-A
Teal



QCII25-S
Tahoe



QCI020-S
Black



QCI010-S
White



QCII25-T
Tahoe



QCI020-T
Black



QCI010-T
White

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.