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Product Data Sheet



NEW

ColorGranules™ Conductive Quartz Aggregate (Q9300)

For use in seamless, resin-based flooring systems

For more information, please visit our website at: www.torginol.com

DESCRIPTION

Product Name:

Conductive Quartz Aggregate
 Trade Name: ColorGranules™

Manufacturer:

Torginol, Inc.
 4617 South Taylor Drive
 Sheboygan, WI 53081 USA
 (800) 558-7596 toll-free
 (920) 694-4800 telephone
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Torginol ColorGranules™ Conductive Quartz Aggregate is a carbon black coated, epoxy sealed quartz sand for use in electrically conductive and antistatic flooring as well as other resin systems. This unique product is designed for industrial use to dissipate static electricity.

PACKAGING

Unit Packaging: 50 lb. bags (22.68 kg)
 Multi-wall kraft paper bags

Full Pallets: 49 bags
 2,450 lbs net weight
 2,500 lbs gross weight
 48"L x 40"W x 32"H

Full Truckloads: 833 bags / 17 pallets
 41,650 lbs net weight
 42,500 lbs gross weight

Freight / Shipping: Class 50



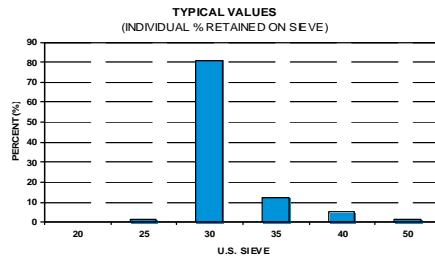
CONDUCTIVE QUARTZ

Grade:

Grain Size: 30 mesh
 Grain Shape: Rounded
 Typical Application: Broadcast

Size Distribution:

U.S.A. Sieve Analysis ASTM C136-06



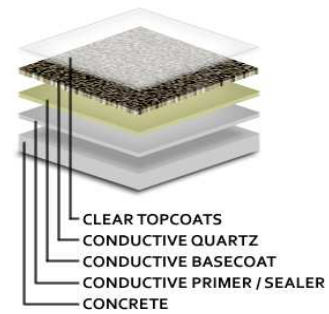
APPLICATION

COVERAGE RATES

Grade **Full Coverage / Double Broadcast**

30-S ½ - 1 lb. per square foot

*Coverage rates vary depending on customer preferences and application techniques. Torginol does not guarantee exact coverage rates.



PHYSICAL PROPERTIES

Hardness:

Mohs Scale of Mineral Hardness
 Mohs Hardness 6.5 - 7

Bulk Density:

Aggregate Unit Weight ASTM C29
 lbs/ft³ (packed) 90 - 105

Specific Gravity:

Relative Density ASTM C128-07a
 Value 2.3

Moisture Content:

Evaporable Moisture ASTM C566-97
 Moisture Content < 0.05%

Color:

Q9300 Carbon Black

Colorfastness / UV Stability:

Xenon Arc Light ASTM G155
 1,000 hours Pass

Weatherability:

Xenon Arc Light ASTM G155
 1,000 hours Pass

Melting Point:

Degrees Fahrenheit 3,100°F

CHEMICAL ANALYSIS, %

Chemical

SiO ₂ (Silicon Dioxide)	99.800
Al ₂ O ₃ (Aluminum 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

CHEMICAL RESISTANCE

Chemical

Aluminum Sulfate [25%]	None
Ammonium Hydroxide [28%]	None
Chlorine Bleach [15%]	None
Chromic Acid [82%]	None
Hydrochloric Acid [100%]	None
Industrial Detergent [50%]	None
Mineral Spirits [100%]	None
Muratic Acid [100%]	None
Nitric Acid [70%]	None
Sodium Carbonate [40%]	None
Sodium Hydroxide [25%]	None
Sulfuric Acid [96%]	None
Tricloro-s-triazene	None
Trisodium Phosphate [40%]	None
Water [100%]	None
Xylene [100%]	None



RECOMMENDED USES



Animal Facilities
Apartment Buildings
Auto Dealerships
Balconies
Bars, Pubs & Taverns
Banquet Halls
Break Rooms
Cafeterias
Churches



Clean Rooms
Commercial Kitchens
Control Rooms
Corridors
Countertops
Detention Centers
Dog Kennels
Firehouses
Food Processing Plants
Garages



Greenhouses
Hallways
Hospitals
Hotels
Industrial Facilities
Laboratories
Locker Rooms
Municipalities
Museums



Nursing Homes
Offices
Patios
Pharmaceutical Plants
Pool Decks
Prisons / Jails
Production Floors
Ramps
Recreation Rooms
Restaurants



Restrooms
Retail Stores
Retirement Homes
Salons
Schools
Shower Stalls
Showrooms
Stadiums
Sunrooms



Veterinary Clinics
Walkways
Workshops
Zoos

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 the Torginol, Inc. - *ColorGranules*™ Material Safety Data Sheet (MSDS).

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.