

TURF INFILL SAND

Antimicrobial Turf Infill Sand is made of ceramic-coated quartz granules used as infill to weight down artificial turf, providing stability, UV protection and preventing bacterial growth. Turf Infill Sand surrounds individual grass blades ensuring that the blades have support to stand upright and maintain the appearance of the turf.



GRADE PROFILE

Grain Size	16/30 Mesh
Grain Shape	Subround
Grain Color	Green

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
Moisture Content	Evaporable Moisture (ASTM C566-97)	< 0.5%
Color ($\Delta E \leq 0.5$)	Color Tolerance (ASTM D2244)	Pass
Colorfastness / UV Stability	Xenon Arc Light (ASTM G155)	Pass
Weatherability	Xenon Arc Light (ASTM G155)	Pass
Melting Point	Degrees Fahrenheit	3,100 ° F

PACKAGING

Unit Packaging	50 lb bags (22.68 kg) <i>Multi-wall kraft paper bags</i>
Full Pallets	56 bags 2,800 lb net weight 2,850 lb gross weight
Full Truckloads	840 bags / 15 pallets 42,500 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 the TORGINOL® 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.



4617 South Taylor Drive
Sheboygan, WI 53081 | USA
(920) 694-4800
service@torginol.com | www.torginol.com

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

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-trianzenetrione [10%]	None
Trisodium Phosphate [40%]	None
Water [100%]	None
Xylene [100%]	None

SYSTEM ADVANTAGES

- Superior colorfastness / UV stability
- Antimicrobial to prevent bacterial growth
- Excellent abrasion and chemical resistance
- Optimal grain shape and size uniformity
- Custom packaging & labeling options
- No minimum order quantities