



Sandblast Slags
Foundry Sands
Empire Blast Equipment
Bullard Safety Equipment
Sandblast Hose & Nozzles
Walnut Shells & Corn Cob Grit
Waterjet & Sandblast Garnet
Schmidt Blast Equipment
Silica Free Abrasives
Steel Shot & Grit
Aluminum Oxide
Glass Beads

#505 SILICA SAND

TYPICAL SCREEN ANALYSIS

U.S. SIEVE #	% RETAINED
40 Mesh	0.1%
50 Mesh	7.7%
70 Mesh	34.3%
100 Mesh	34.6%
140 Mesh	17.6%
200 Mesh	5.1%
270 Mesh	0.5%
AFS #	70

TYPICAL CHEMICAL ANALYSIS

Silicon Dioxide (SiO ₂)	99.65%
Iron Oxide (Fe ₂ O ₃)	.02%
Aluminum Oxide (Al ₂ O ₃)	.07%
Calcium Oxide (CaO)	.01%
Titanium Dioxide (TiO ₂)	.01%
Magnesium Oxide (MgO)	.01%
Potassium Oxide (K ₂ O)	< .01%
Sodium Oxide (Na ₂ O)	.01%
Loss on Ignition	.07%
Acid demand value (ADV)	1.0
Clay Content	.10%

Colour:	White
Grain Shape:	Rounded
Specific Gravity:	2.65
Bulk Density/Loose	92-95 lbs./cu.ft.

WARNING: This product contains free silica. Repeated inhalation of respirable free silica may cause delayed lung injury known as silicosis. Follow current OSHA Safety and Health Standards for Crystalline Silica (Quartz). All products are sold without warranty expressed or implied and seller specifically does not warrant that these products are suitable for a particular purpose or purposes or are merchantable. Buyer agrees it does not rely on seller's skill or judgment to select or furnish these products. Buyer shall make its own tests to determine the suitability of such product for its purposes. July 2019

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