



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

## #12ST SILICA SAND

### TYPICAL SCREEN ANALYSIS

U.S. SIEVE	% RETAINED
10 Mesh	3.5%
12 Mesh	14.3%
16 Mesh	45.1%
20 Mesh	28.0%
30 Mesh	5.9%
40 Mesh	1.4%
50 Mesh	1.1%
100 Mesh	0.8%
A.F.S.	10.76

Effective Size (typical) .86 mm  
Uniformity Co-efficient 1.60

Colour: Light Brown-Beige  
Grain Shape: Sub-angular

### TYPICAL CHEMICAL ANALYSIS

Silicon Dioxide (SiO <sub>2</sub> )	99.52%
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.094%
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	0.158%
Calcium Oxide (CaO)	0.009%
Magnesium Oxide (MgO)	0.009%
Potassium Oxide (K <sub>2</sub> O)	0.041%
Sodium Oxide (Na <sub>2</sub> O)	0.0007%
Titanium Oxide (TiO <sub>2</sub> )	0.0035%
Chromium (III) Oxide (Cr <sub>2</sub> O <sub>3</sub> )	0.002%

MOH Hardness	7
Specific Gravity	2.65
Fusion Point	3,150°F
PH	7
Bulk Density	98-100 lbs./cu

**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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