



TECHNICAL DATA SHEET

SF960U Silica Fume

Typical Chemistry:

Silicon Dioxide (SiO ₂)	95.0 %
Total Calcium Oxide (CaO)	0.02 %
Sodium Oxide (Na ₂ O)	0.2%
Potassium Oxide (K ₂ O)	1.2 %
Aluminum Oxide (Al ₂ O ₃)	0.88%
Iron Oxide (Fe ₂ O ₃)	0.07%
Magnesium Oxide (MgO)	0.04%
Water/Moisture (H ₂ O)	0.45 %

Physical Specifications:

PH:	7.6
Loss on Ignition (950°C / 1 hr.):	1.54%
Bulk Density:	330-380kg/m ³
> 45 microns:	2.2 %



Description:

SF950U is an undensified, amorphous light gray silicon dioxide powder with low impurity levels and a constant pH.

Applications:

SF950U Silica Fume is perfect for use in refractory castables, including low and medium cement, vibratables, and self-flow castables. Use of Silica Fume improves the mechanical properties (MOR, CS, creep, etc.) of castables by acting as a flow agent of water required to place refractory castable mix.

Packaging:

Be Available In 400 kg Jumbo Bags OR 25 kg Bag

Storage:

Should be kept in dry storage. product that have be subjected to moisture and allowed to dry agains may result in to inferior performance.

Please ask about our other grades of silica fume and materials.

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