

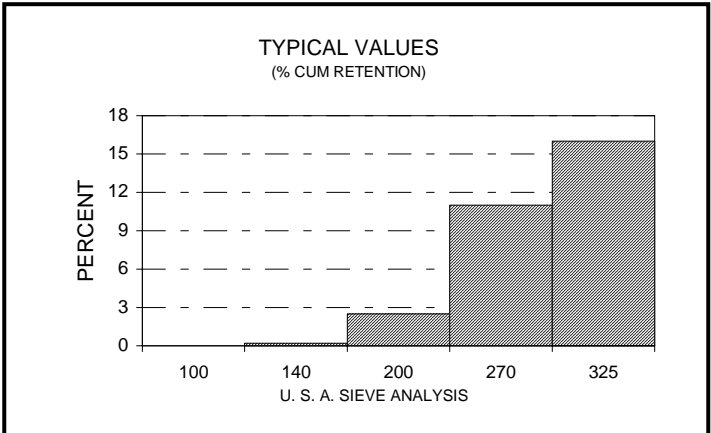


PRODUCT DATA

SIL-CO-SIL[®] 90

GROUND SILICA

PLANT: OTTAWA, ILLINOIS



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MICRONS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
100	150	0.0	0.0	100.0
140	106	0.2	0.2	99.9
200	75	2.3	2.5	97.5
270	53	8.5	11.0	89.0
325	45	5.0	16.0	84.0

TYPICAL PHYSICAL PROPERTIES

HARDNESS (Mohs) 7
MELTING POINT (Degrees F) 3100
MINERAL QUARTZ
pH 7

REFLECTANCE (%) 80.5
YELLOWNESS INDEX 3.9
SPECIFIC GRAVITY 2.65

TYPICAL CHEMICAL ANALYSIS, %

SiO₂ (Silicon Dioxide) 99.8
Fe₂O₃ (Iron Oxide) 0.035
Al₂O₃ (Aluminum Oxide) 0.1
TiO₂ (Titanium Dioxide) 0.02
CaO (Calcium Oxide) 0.01

MgO (Magnesium Oxide) <0.01
Na₂O (Sodium Oxide) <0.01
K₂O (Potassium Oxide) <0.01
LOI (Loss On Ignition) 0.1

December 15, 1997

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. U.S. Silica Company makes no representation or warranty concerning the Products, expressed or implied, by this Product Data Sheet.

WARNING: The product contains crystalline silica - quartz, which can cause silicosis (an occupational lung disease) and lung cancer. **For detailed information on the potential health effect of crystalline silica - quartz, see the U.S. Silica Company Material Safety Data Sheet.**