

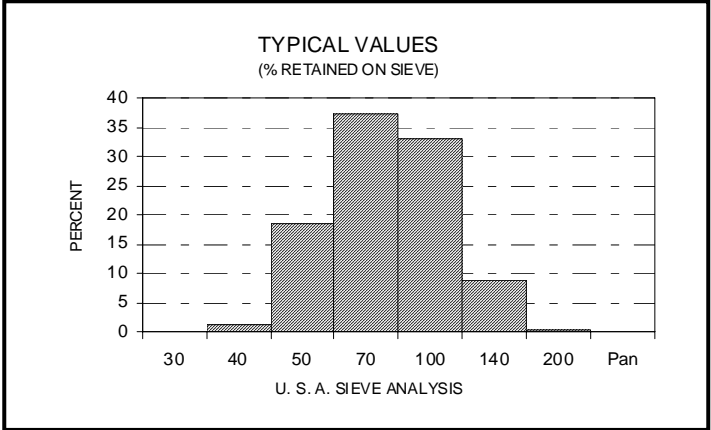


PRODUCT DATA

#1 GLASS SAND

UNGROUND SILICA

PLANT: ROCKWOOD, MICHIGAN



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MILLIMETERS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
30	0.600	0.0	0.0	100.0
40	0.425	1.3	1.3	98.7
50	0.300	18.5	19.8	80.2
70	0.212	37.5	57.3	42.7
100	0.150	33.1	90.4	9.6
140	0.106	8.9	99.3	0.7
200	0.075	0.5	99.8	0.2
Pan		0.2	100.0	0.0

TYPICAL PHYSICAL PROPERTIES

GRAIN SHAPE SUBANGULAR
 HARDNESS (Mohs) 7
 MELTING POINT (Degrees F) 3100

MINERAL QUARTZ
 pH 6.5
 SPECIFIC GRAVITY 2.65

TYPICAL CHEMICAL ANALYSIS, %

Fe₂O₃ (Iron Oxide) 0.0065
 Al₂O₃ (Aluminum Oxide) 0.019
 TiO₂ (Titanium Dioxide) 0.01
 CaO (Calcium Oxide) 0.07

MgO (Magnesium Oxide) 0.04
 Na₂O (Sodium Oxide) <0.01
 K₂O (Potassium Oxide) <0.01

April 11, 2008

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.**