

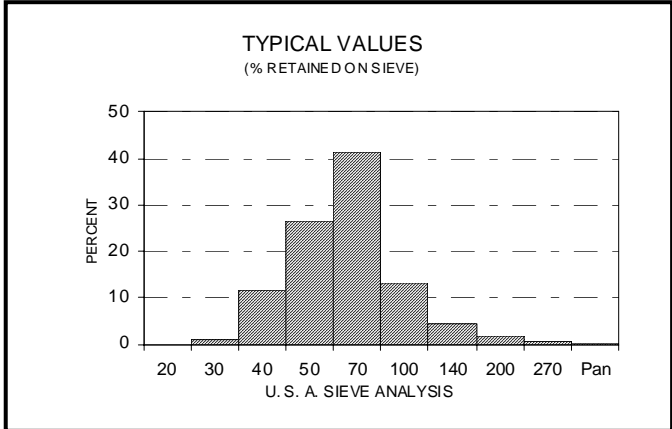


PRODUCT DATA

#1 DRY GLASS SAND

UNGROUND SILICA

PLANT: MAPLETON, PENNSYLVANIA



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MILLIMETERS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
20	0.850	0.0	0.0	100.0
30	0.600	0.8	0.8	99.2
40	0.425	11.5	12.3	87.7
50	0.300	26.5	38.8	61.2
70	0.212	41.2	80.0	20.0
100	0.150	13.1	93.1	6.9
140	0.106	4.3	97.4	2.6
200	0.075	1.8	99.2	0.8
270	0.053	0.5	99.7	0.3
Pan		0.3	100.0	0.0

TYPICAL PHYSICAL PROPERTIES

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

MINERAL QUARTZ
 pH 7
 SPECIFIC GRAVITY 2.65

TYPICAL CHEMICAL ANALYSIS, %

Fe₂O₃ (IRON OXIDE) 0.028
 Al₂O₃ (ALUMINUM OXIDE) 0.09
 TiO₂ (TITANIUM DIOXIDE) 0.02
 CaO (CALCIUM OXIDE) 0.01

Na₂O (SODIUM OXIDE) <0.01
 K₂O (POTASSIUM OXIDE) 0.01
 LOI (LOSS ON IGNITION) 0.1

May 23, 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.**