

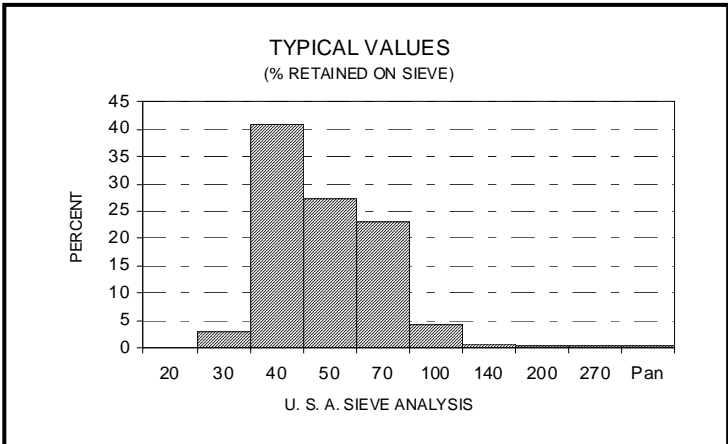


PRODUCT DATA

#1 Q-ROK[®]

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	3.0	3.0	97.0
40	0.425	41.0	44.0	56.0
50	0.300	27.2	71.2	28.8
70	0.212	23.2	94.4	5.6
100	0.150	4.1	98.5	1.5
140	0.106	0.7	99.2	0.8
200	0.075	0.3	99.5	0.5
270	0.053	0.2	99.7	0.3
Pan		0.3	100.0	0.0

TYPICAL PROPERTIES

EFFECTIVE SIZE (mm)..... 0.45	MINERAL QUARTZ
GRAIN SHAPE SUBANGULAR	pH 7
HARDNESS (Mohs) 7	SPECIFIC GRAVITY 2.65
MELTING POINT (Degrees F) 3100	UNIFORMITY COEFFICIENT 1.57

TYPICAL CHEMICAL ANALYSIS

Fe ₂ O ₃ (IRON OXIDE)..... 0.030	Na ₂ O (SODIUM OXIDE)..... <0.01
Al ₂ O ₃ (ALUMINUM OXIDE)..... 0.08	K ₂ O (POTASSIUM OXIDE)..... 0.01
TiO ₂ (TITANIUM DIOXIDE) 0.02	LOI (LOSS ON IGNITION)..... 0.1
CaO (CALCIUM OXIDE)..... 0.01	

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**