

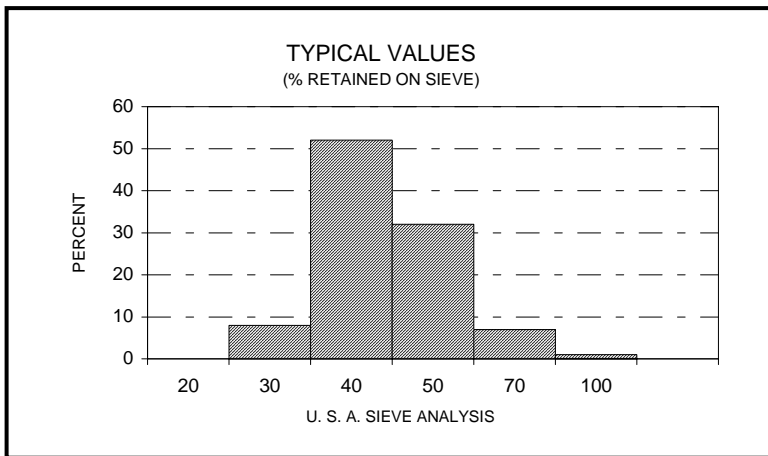


PRODUCT DATA

#1 Q-ROK[®]

UNGROUND SILICA

PLANT: BERKELEY SPRINGS, WEST VIRGINIA



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MILLIMETERS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
20	0.850	0	0	100
30	0.600	8	8	92
40	0.425	52	60	40
50	0.300	32	92	8
70	0.212	7	99	1
100	0.150	1	100	0

TYPICAL PHYSICAL PROPERTIES

AFS⁽¹⁾ GRAIN FINENESS..... 34
 GRAIN SHAPE SUBANGULAR
 HARDNESS (Mohs) 7

MINERAL QUARTZ
 pH 6.5
 SPECIFIC GRAVITY 2.65

(1) AMERICAN FOUNDRYMEN'S SOCIETY

TYPICAL CHEMICAL ANALYSIS, %

SiO₂ (SILICON DIOXIDE)..... 99.7
 Fe₂O₃ (IRON OXIDE)..... 0.022
 Al₂O₃ (ALUMINUM OXIDE)..... 0.07
 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)..... 0.2

November 1, 2005

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.