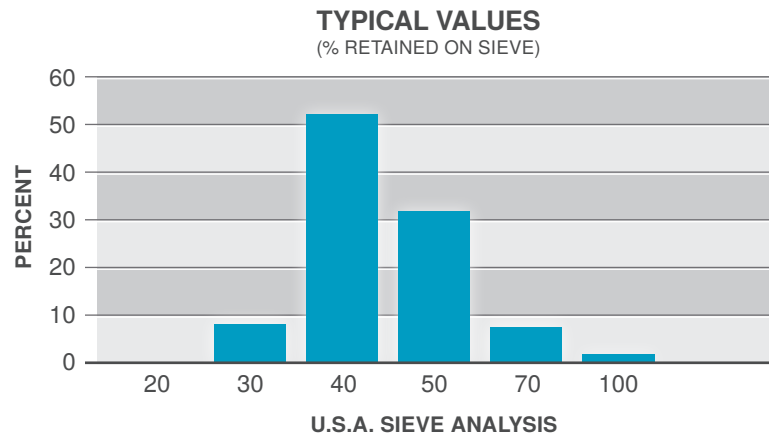




## #1 Q-ROK<sup>®</sup>

### UNGROUND SILICA

PLANT: BERKELEY SPRINGS, WEST VIRGINIA



USA STD SIEVE SIZE		TYPICAL VALUES		
MESH	MILLIMETERS	% RETAINED		% PASSING
		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 <sup>(1)</sup> 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, %	
SiO <sub>2</sub> (Silicon Dioxide)	99.7
Fe <sub>2</sub> O <sub>3</sub> (Iron Oxide)	0.022
Al <sub>2</sub> O <sub>3</sub> (Aluminum Oxide)	0.07
TiO <sub>2</sub> (Titanium Dioxide)	0.02
CaO (Calcium Oxide)	0.01
MgO (Magnesium Oxide)	<0.01
Na <sub>2</sub> O (Sodium Oxide)	<0.01
K <sub>2</sub> O (Potassium Oxide)	0.01
LOI (Loss On Ignition)	0.2

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**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.

