

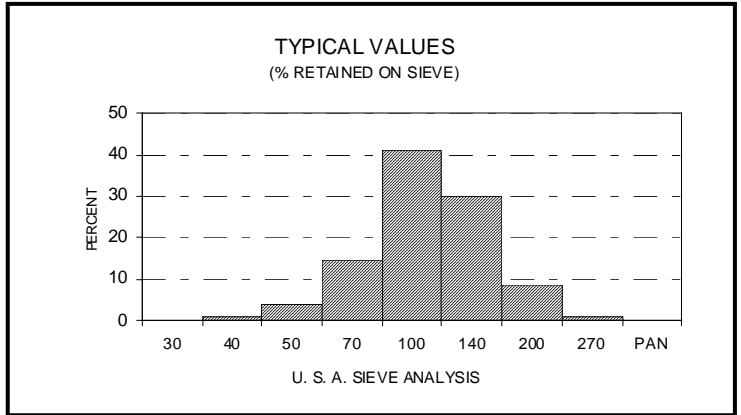


PRODUCT DATA

OK-85

UNGROUND SILICA

PLANT: MILL CREEK, OKLAHOMA



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	0.8	0.8	99.2
50	0.300	4.0	4.8	95.2
70	0.212	14.8	19.6	80.4
100	0.150	41.0	60.6	39.4
140	0.106	30.0	90.6	9.4
200	0.075	8.4	99.0	1.0
270	0.053	0.9	99.9	0.1
PAN		0.1	100.0	0.0

TYPICAL PHYSICAL PROPERTIES

AFS⁽¹⁾ ACID DEMAND (@pH 7)..... 0.4
 AFS⁽¹⁾ GRAIN FINENESS..... 81.8
 COLOR WHITE
 GRAIN SHAPE ROUND
 HARDNESS (Mohs) 7

MELTING POINT (Degrees F) 3100
 MINERAL QUARTZ
 MOISTURE CONTENT (%) <0.50
 pH..... 6.7
 SPECIFIC GRAVITY..... 2.65

(1) AMERICAN FOUNDRYMEN'S SOCIETY

TYPICAL CHEMICAL ANALYSIS, %

SiO₂ (Silicon Dioxide)..... 99.8
 Fe₂O₃ (Iron Oxide) 0.017
 Al₂O₃ (Aluminum Oxide) 0.09
 TiO₂ (Titanium Dioxide)..... <0.01
 CaO (Calcium Oxide) <0.01

MgO (Magnesium Oxide) <0.01
 Na₂O (Sodium Oxide) <0.01
 K₂O (Potassium Oxide) 0.04
 LOI (Loss On Ignition)..... 0.1

July 1, 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.