

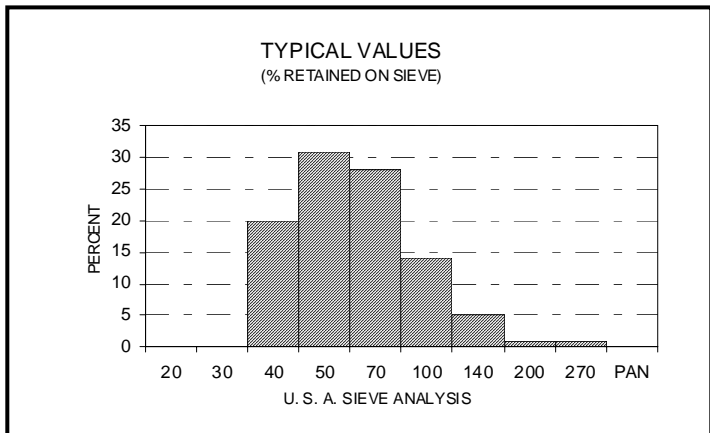


PRODUCT DATA

FilPro[®] Geothermal 50

FINE UNGROUND SILICA

PLANT: COLUMBIA, SOUTH CAROLINA



USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MILLIMETERS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
20	0.850	0	0	100
30	0.600	0	0	100
40	0.425	20	20	80
50	0.300	31	51	49
70	0.212	28	79	21
100	0.150	14	93	7
140	0.106	5	98	2
200	0.075	1	99	1
270	0.053	1	100	0
Pan		0	0	0

TYPICAL PHYSICAL PROPERTIES

AFS⁽¹⁾ GRAIN FINENESS..... 51
 GRAIN SHAPE SUBANGULAR
 HARDNESS (Mohs) 7
 MELTING POINT (Degrees F) 3100

(1) American Foundry Society

MINERAL QUARTZ
 pH 5.5-6.8
 SPECIFIC GRAVITY 2.65
 SiO₂ (SILICON DIOXIDE) 99.70
 THERMAL CONDUCTIVITY (cal/sec)/cm² (°c/cm)..... 0.007

April 16, 2009

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.**