

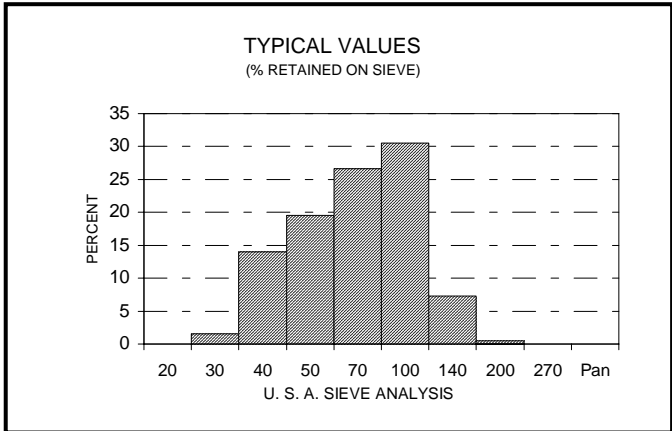


PRODUCT DATA

HI-58

UNGROUND SILICA

PLANT: HURTSBORO, ALABAMA



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	1.0	1.0	99.0
40	0.425	9.8	10.8	89.2
50	0.300	17.5	28.3	71.7
70	0.212	29.7	58.0	42.0
100	0.150	31.6	89.6	10.4
140	0.106	9.7	99.3	0.7
200	0.075	0.7	100.0	0.0
270	0.053	0.0	100.0	0.0
Pan				

TYPICAL PHYSICAL PROPERTIES

AFS⁽¹⁾ ACID DEMAND (@pH 7)..... 1.0	MELTING POINT (Degrees F) 3100
AFS GRAIN FINENESS 58	MINERAL QUARTZ
COLOR BEIGE	MOISTURE CONTENT (%) 0.1
GRAIN SHAPE SUBANGULAR	pH 7
HARDNESS (Mohs) 7	SPECIFIC GRAVITY 2.65

(1) AMERICAN FOUNDRYMEN'S SOCIETY

TYPICAL CHEMICAL ANALYSIS, %

SiO₂ (SILICON DIOXIDE) 99.4	MgO (MAGNESIUM OXIDE) <0.01
Fe₂O₃ (IRON OXIDE) 0.06	Na₂O (SODIUM OXIDE) 0.01
Al₂O₃ (ALUMINUM OXIDE) 0.12	K₂O (POTASSIUM OXIDE) 0.06
TiO₂ (TITANIUM DIOXIDE) 0.08	LOI (LOSS ON IGNITION) 0.1
CaO (CALCIUM OXIDE) <0.01	

October 28, 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.