

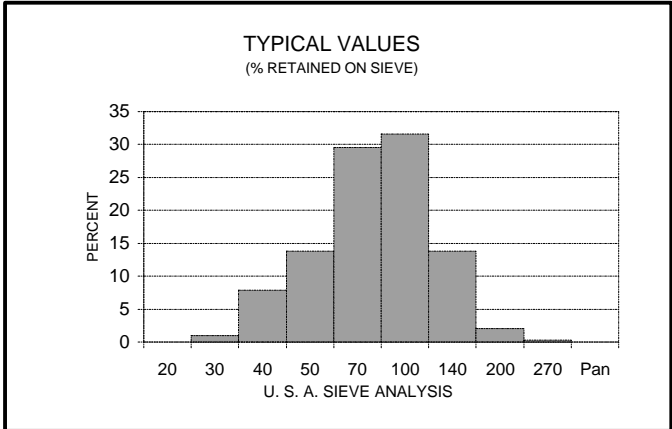


PRODUCT DATA

HI-62

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 | 7.9 | 8.9 | 91.1 |
| 50 | 0.300 | 13.8 | 22.7 | 77.3 |
| 70 | 0.212 | 29.6 | 52.3 | 47.7 |
| 100 | 0.150 | 31.6 | 83.9 | 16.1 |
| 140 | 0.106 | 13.8 | 97.7 | 2.3 |
| 200 | 0.075 | 2.0 | 99.7 | 0.3 |
| 270 | 0.053 | 0.3 | 100.0 | 0.0 |
| Pan | | | | |

TYPICAL PHYSICAL PROPERTIES

AFS⁽¹⁾ ACID DEMAND (@pH 7)..... 1.0
 AFS GRAIN FINENESS..... 62
 COLOR..... BEIGE
 GRAIN SHAPE..... SUBANGULAR
 HARDNESS (Mohs) 7

MELTING POINT (Degrees F)..... 3100
 MINERAL..... QUARTZ
 MOISTURE CONTENT (%) 0.1
 pH..... 7
 SPECIFIC GRAVITY 2.65

(1) AMERICAN FOUNDRYMEN'S SOCIETY

TYPICAL CHEMICAL ANALYSIS, %

SiO₂ (SILICON DIOXIDE) 99.4
 Fe₂O₃ (IRON OXIDE) 0.06
 Al₂O₃ (ALUMINUM OXIDE)..... 0.12
 TiO₂ (TITANIUM DIOXIDE)..... 0.08
 CaO (CALCIUM OXIDE)..... <0.01

MgO (MAGNESIUM OXIDE) <0.01
 Na₂O (SODIUM OXIDE) 0.01
 K₂O (POTASSIUM OXIDE) 0.06
 LOI (LOSS ON IGNITION) 0.1

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.