

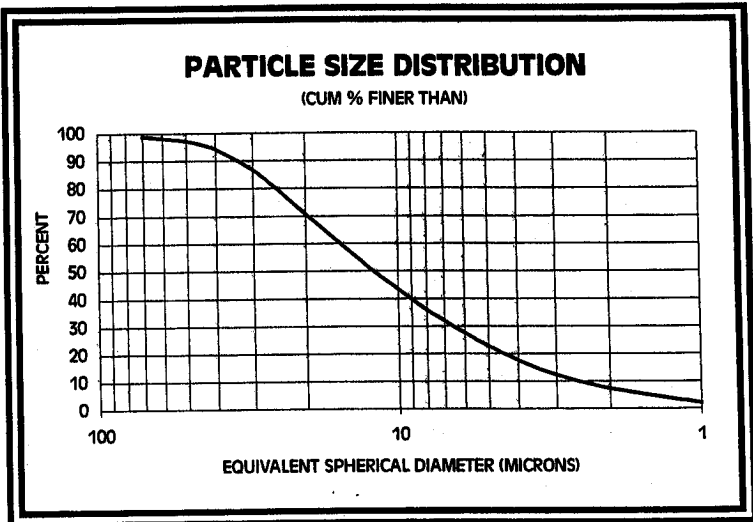


**PRODUCT DATA**

**SIL-CO-SIL® 52**

**GROUND SILICA**

**PLANT: BERKELEY SPRINGS, WEST VIRGINIA**



USA STD SIEVE SIZE	MICRONS	% RETAINED		CUMULATIVE % PASSING
		INDIVIDUAL	CUMULATIVE	
100	150	0.0	0.0	100.0
140	106	0.0	0.0	100.0
200	75	0.3	0.3	99.7
270	53	1.7	2.0	98.0
325	45	2.5	4.5	95.5

**TYPICAL PHYSICAL PROPERTIES**

**HARDNESS (Mohs)..... 7.0**  
**MINERAL ..... QUARTZ**  
**pH..... 7**

**REFLECTANCE (%) ..... 89**  
**YELLOWNESS INDEX ..... 3.8**  
**SPECIFIC GRAVITY (g/cm<sup>3</sup>) ..... 2.65**

**TYPICAL CHEMICAL ANALYSIS, %**

**SiO<sub>2</sub> (SILICON DIOXIDE) ..... 99.5**  
**Fe<sub>2</sub>O<sub>3</sub> (IRON OXIDE) ..... 0.022**  
**Al<sub>2</sub>O<sub>3</sub> (ALUMINUM OXIDE) ..... 0.3**  
**TiO<sub>2</sub> (TITANIUM DIOXIDE) ..... 0.01**  
**CaO (CALCIUM OXIDE) ..... 0.02**

**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**

**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:** This product contains crystalline silica - quartz, which can cause silicosis (an occupational lung disease) and lung cancer. **For detailed information on the potential health effects of crystalline silica - quartz, see the U.S. Silica Company Material Safety Data Sheet.**