

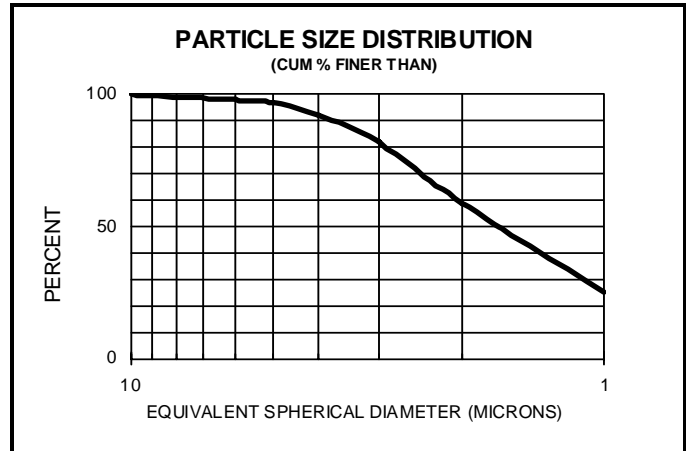


# PRODUCT DATA

## MIN-U-SIL® 5

### FINE GROUND SILICA

PLANT: BERKELEY SPRINGS, WEST VIRGINIA



## TYPICAL PHYSICAL PROPERTIES

**BULK DENSITY-COMPACTED (lbs/ft<sup>3</sup>)** ..... 41  
**BULK DENSITY-UNCOMPACTED (lbs/ft<sup>3</sup>)** ..... 36  
**HARDNESS (Mohs)**..... 7  
**HEGMAN**..... 7.5  
**MEDIAN DIAMETER (Microns)** ..... 1.7  
**OIL ABSORPTION (D-1483)** ..... 44

**pH** ..... 6.2  
**-5 MICRON (%)** ..... 97  
**+325 MESH (%)**..... 0.005  
**REFLECTANCE (%)** ..... 91  
**YELLOWNESS INDEX**..... 6.0  
**SPECIFIC GRAVITY** ..... 2.65

## TYPICAL CHEMICAL ANALYSIS, %

**SiO<sub>2</sub> (Silicon Dioxide)**..... 98.5  
**Fe<sub>2</sub>O<sub>3</sub> (Iron Oxide)**..... 0.090  
**Al<sub>2</sub>O<sub>3</sub> (Aluminum Oxide)**..... 1.0  
**TiO<sub>2</sub> (Titanium Dioxide)**..... 0.02  
**CaO (Calcium Oxide)**..... 0.04

**MgO (Magnesium Oxide)** ..... 0.02  
**Na<sub>2</sub>O (Sodium Oxide)** ..... 0.02  
**K<sub>2</sub>O (Potassium Oxide)** ..... 0.04  
**LOI (Loss on Ignition)**..... 0.4

May 5, 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.