

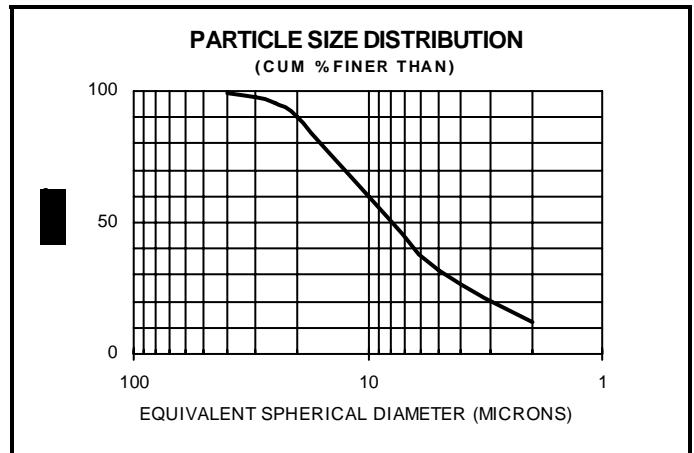


# PRODUCT DATA

## MIN-U-SIL® 30

**FINE GROUND SILICA**

PLANT: MILL CREEK, OKLAHOMA



## TYPICAL PHYSICAL PROPERTIES

BULK DENSITY-COMPACTED (lbs/ft <sup>3</sup> ) .....	63
BULK DENSITY-UNCOMPACTED (lbs/ft <sup>3</sup> ) .....	49
HARDNESS (Mohs).....	7
HEGMAN.....	4.5
MEDIAN DIAMETER (Microns) .....	1.8
OIL ABSORPTION (D-1483) .....	42

pH .....	6.6
-30 MICRON (%) .....	80.5
+325 MESH (%).....	0.336
REFLECTANCE (%) .....	94.3
YELLOWNESS INDEX.....	2.1
SPECIFIC GRAVITY .....	2.65

## TYPICAL CHEMICAL ANALYSIS, %

SiO <sub>2</sub> (Silicon Dioxide).....	99.3
Fe <sub>2</sub> O <sub>3</sub> (Iron Oxide).....	0.036
Al <sub>2</sub> O <sub>3</sub> (Aluminum Oxide).....	0.27
TiO <sub>2</sub> (Titanium Dioxide).....	0.01
CaO (Calcium Oxide).....	0.01

MgO (Magnesium Oxide) .....	0.02
Na <sub>2</sub> O (Sodium Oxide) .....	<0.01
K <sub>2</sub> O (Potassium Oxide) .....	0.03
LOI (Loss on Ignition).....	0.3

February 1, 2008

**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.