

MIN-U-SIL®

FINE GROUND SILICA

PLANT: BERKELEY SPRINGS, WV

MEASURED PROPERTIES	TYPICAL PARTICLE SIZE ANALYSIS <i>(Particle size distribution analyzed using SediGraph method)</i>			
	MIN-U-SIL® 5	MIN-U-SIL® 10	MIN-U-SIL® 30	MIN-U-SIL® 40
-40 µm (%)	100	100	99	98
-30 µm (%)	100	100	98	95
-10 µm (%)	99	96	59	50
-5 µm (%)	97	74	34	28
+325 Mesh (%)	0.0	0.0	0.1	0.4
D 10 (µm)	0.3	0.9	1.7	2.0
D 50 (µm)	1.6	4.0	8.5	10
D 90 (µm)	3.5	7.5	20	25
Green Reflectance (%)	94	93	90	89
Yellow Index (%)	3.2	3.5	4.1	4.3
pH (5% suspension)	6.6	6.5	6.5	6.5
Tapped Bulk Density (lb/ft³)*	45	57	69	78
Loose Bulk Density (lb/ft³)*	25	29	39	45

*Not routinely measured as part of quality testing

TYPICAL GENERAL PROPERTIES

Hardness (Mohs)	7	SiO ₂ (Silicon Dioxide)	> 99%
Mineral	Quartz	Specific Gravity	2.65

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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 Safety Data Sheet.

