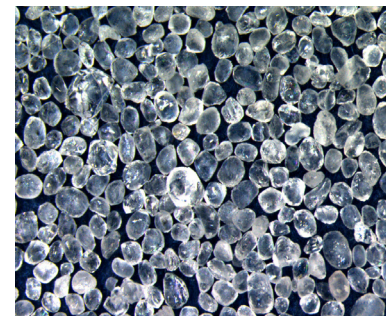


USS 100M US Silica 100 Mesh - Hydraulic Fracturing Sand



This monocrystalline whole grain alpha-quartz mineral is derived primarily from the Oil Creek, Orisanky, Queen City, St. Peter, Sylvania and Wonewoc formations. The extremely durable product exhibits exceptional strength, integrity and purity, and will not degrade with normal fracturing operations.



ADVANTAGES AND BENEFITS:

- Proppant specific gravity of 2.65 enables maximum suspension and lateral fracture placement
- Compatible with all hydraulic fracturing chemicals
- Excellent crush resistance classification or K-Value
- Meets or exceeds API RP-19C and ISO 13503-2 specifications for roundness and sphericity, turbidity and acid solubility.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

API RP-19C / ISO 13503-2

Product	Mesh Size	Crush Resistance K-Value	Bulk Density g/cm ³	Particle Density g/cm ³	Typical Median Diameter D50 (mm)	Acid Solubility (%)	Krumbein Shape Factors		Turbidity (NTU)
							Roundness	Sphericity	
USS 100M US Silica 100 Mesh	100M	7K - 13K	1.48 - 1.60	2.64 - 2.66	0.165 - 0.185	0.7	0.6 - 0.8	0.6 - 0.8	10 - 110

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

USS408

