

NORTHERN WHITE SAND

HYDRAULIC FRACTURING SAND

APPLICATIONS AND BENEFITS

This is the highest-quality, natural frac sand available in the industry. The spherical, monocrystalline 99.8%+ pure-quartz sand has superior conductivity and crush strength compared to other types of frac sand.

- Enhanced conductivity
- Enhanced crush resistance leading to minimized fines generation in comparison to other raw frac sand
- The substrate of highest quality spherical, monocrystalline 99.8%+ pure-quartz Northern White sand



PHYSICAL PROPERTIES

API 19C

Mesh Size	Specific Gravity	Bulk Density g/cm ³	Bulk Density lb/ft ³	Absolute Volume gal/lb (cm ³ /g)	Krumbein Roundness	Krumbein Sphericity	Acid Solubility %	Turbidity FTU	K-Value
40/70	2.65	1.49	93.0	0.0452 (0.3774)	0.7	0.7	<1.0	<75	9
30/50	2.65	1.51	94.3	0.0452 (0.3774)	0.7	0.7	<1.0	<75	8
20/40	2.65	1.54	96.1	0.0452 (0.3774)	0.8	0.8	<1.0	<75	7
16/30	2.65	1.58	98.6	0.0452 (0.3774)	0.8	0.7	<2.0	<100	5

CONDUCTIVITY

Conductivity (md-ft), API 19D, tested @ 125°F (51.7°C)

Closure Stress psi (MPa)	2,000 (13.8)	4,000 (27.6)	6,000 (41.4)	8,000 (55.2)	10,000 (68.9)
40/70	1206	973	671	275	104
30/50	2319	1754	964	433	193
20/40	4280	3190	1618	721	312
16/30	8350	4832	2209	914	—

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HEALTH HAZARD WARNING: Prolonged inhalation of dust associated with the materials described in this data sheet can cause delayed lung injury including Silicosis, a progressive, disabling and sometimes fatal lung disease. IARC and NTP have determined that crystalline silica can cause lung cancer in humans. Risk of injury is dependent on the duration and level of exposure. Follow OSHA or other relevant safety and health standards for the form of crystalline silica called Quartz. Current safety data sheet, containing safety information, is available and should be consulted before usage.

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Silica/Silica Containing

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