

# PRECURED RESIN COATED PROPPANT

# **APPLICATIONS AND BENEFITS**

- Maximum conductivity and crush resistance at high temperatures and closure stresses
- Provides proppant flowback control for BHT>200°F (93°C)
- Minimizes proppant scaling resulting in increased flow capacity and long-term EUR
- Substrate is the highest-quality, spherical, monocrystalline 99.8%+ pure-quartz Northern White sand





# PHYSICAL AND CHEMICAL PROPERTIES

API 19C

Mesh Size	Krumbein Sphericity	Krumbein Roundness	Absolute Density g/cm³	Bulk Density lb/ft³ (g/cm³)	Absolute Volume gal/lb (cm³/g)	Acid Solubility %	Turbidity FTU	K-Value
40/70	0.7	0.7	2.58	88.0 (1.41)	0.0464 (0.3876)	<1.0	<250	20
30/50	0.8	0.8	2.58	91.1 (1.46)	0.0464 (0.3876)	<1.0	<250	20
20/40	0.8	0.8	2.58	93.6 (1.50)	0.0464 (0.3876)	<1.0	<250	17

# CONDUCTIVITY

Conductivity (MD-FT), API 19D, tested @ 250°F (121°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)	12,000 (82.7)
40/70	870	770	580	340	160	80
30/50	1690	1470	1070	640	330	160
20/40	3160	2650	1790	1070	540	280

# **PERMEABILITY**

Permeability (Darcy), API 19D, tested @ 250°F (121°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)	12,000 (82.7)
40/70	46	41	31	19	9	5
30/50	89	79	59	36	19	10
20/40	169	144	99	61	32	17

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