

ResProp™ HiCon

A High-conductivity Ceramic Proppant

Advantages

- Optimized for high conductivity
- Superior crush strength (15K+)
- Excellent roundness and sphericity properties
- Very tight particle distribution (uniform size)
- Ideal for deeper and more complex wells



Physical Properties

Physical Properties	20/40	30/50	40/70
% fines @ 15,000psi	<7.5%	n/a	n/a
% fines @ 9,000psi	n/a	1.57%	1.3%
Acid Solubility	3.1%	3.1%	3.1%
Roundness	0.9	0.9	0.9
Sphericity	0.9	0.9	0.9
Size Distribution	>95%	>95%	>95%
Specific Gravity	3.20 g/cm ³	3.20 g/cm ³	3.20 g/cm ³
Bulk Density	1.76 g/cm ³	1.76 g/cm ³	1.76 g/cm ³
Turbidity	51	51	51

Typical Sieve Analysis (weight % retained)

U.S. Mesh	20/40
+20	0.0
-20+25	0.3
-25+30	49.9
-30+35	49.8
-35+40	0.0

U.S. Mesh	30/50
+30	0.1
-30+35	5.3
-35+40	51.9
-40+50	42.6
-50+60	0.2

U.S. Mesh	40/70
+40	0.0
-40+45	0.3
-45+50	94.2
-50+60	5.5
-60+70	0.0

Typical Conductivity Results

Long-term conductivity

	20/40
2,000 psi	7394
4,000 psi	6434
6,000 psi	5273
8,000 psi	3910
10,000 psi	2357

PS-50 Conductivity

	30/50	40/70
1,000 psi	5264	2705
9,000 psi initial	2653	1281
9,000 psi final	2052	962

