

VersaProp®

Intermediate Density Proppants

Data Sheet

STRONG+ light

VersaProp®

Greater strength, conductivity and productivity

Why VersaProp®?

Increased Strength

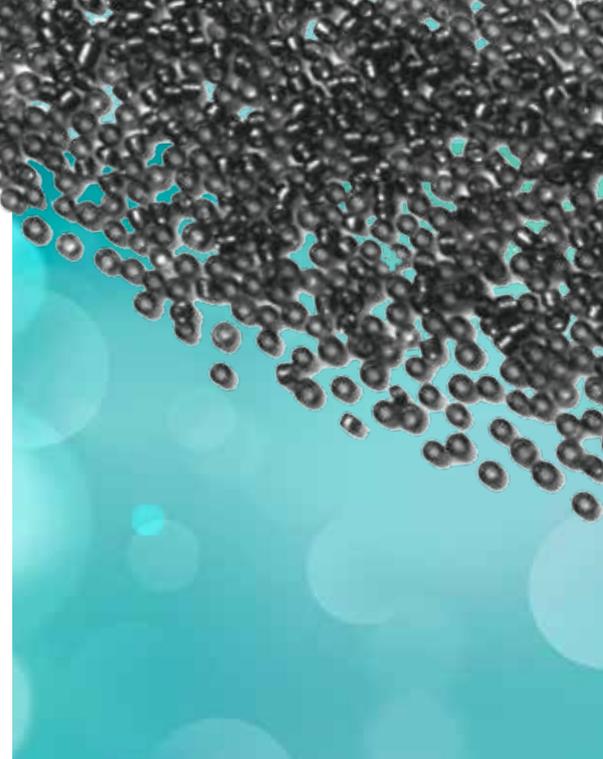
Strength is crucial to the performance of any proppant, enabling it to maintain optimum conductivity despite the tremendous stresses of the well environment. VersaProp® is made from an intermediate-strength ceramic ore that is stronger than similarly priced economic lightweight ceramics (ELWC).

Greater Conductivity

As stress increases, ceramic proppants are crushed into pieces. Smaller pieces mean a reduced median particle diameter (MPD) within the proppant pack. VersaProp maintains its larger size and greater MPD – the key factors in determining conductivity – to a much higher degree than ELWC proppant, and thus retains a higher percentage of its conductivity at all stress levels.

Enhanced Productivity

VersaProp delivers higher conductivity per dollar than any other ceramic proppant over a wide range of stresses. Its unmatched combination of strength and size makes VersaProp your best choice for higher production over the life of your wells.



Typical Properties

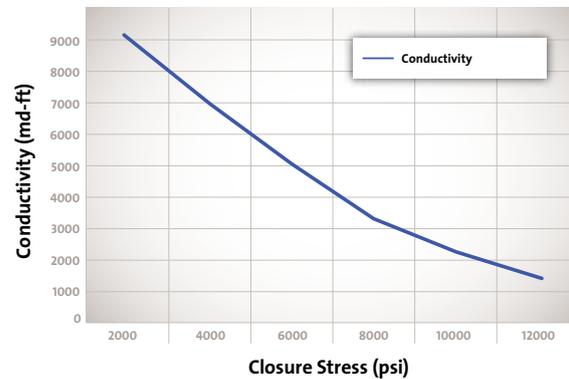
Size and Shape	
Sieve No.	% Retained
18	8
25	56
40	36
<40	Trace

ISO Mean Particle Diameter	0.76 mm
Median Particle Diameter	0.74 mm
Roundness/Sphericity (Krumbein & Sloss)	0.9

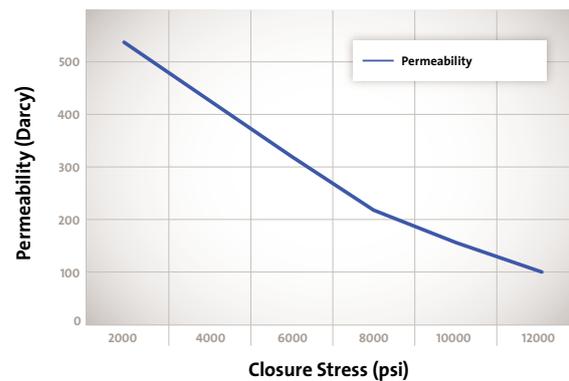
Physical Properties

Bulk Density	1.88 g/cc (117 lbs/ft ³)	
Specific Gravity	3.2	
Absolute Volume	0.0374 gal/lb	
Acid Solubility, %	2.5	
Crush Resistance at Stress %	5,000 psi	0.4
	7,500 psi	1.4
	10,000 psi	3.5

VersaProp Conductivity (@250°F)



VersaProp Permeability (@250°F)



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