

**35/140**  
**InterProp®-Hybrid**  
Intermediate Density Proppants  
Data Sheet



# 35/140 InterProp®-Hybrid (IP-H)

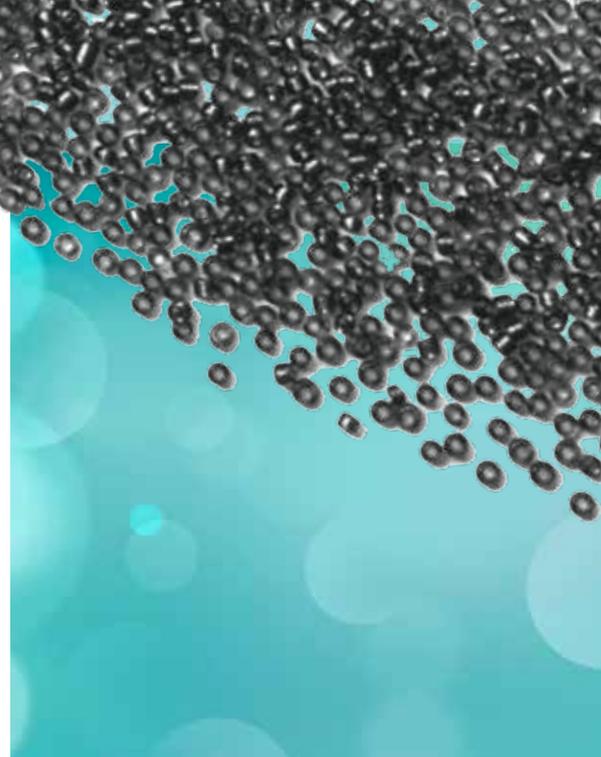
Conductivity with fluid loss control

## Why 35/140 IP-H?

Responding to industry requirements for smaller and stronger proppants, Saint-Gobain Proppants has developed 35/140 InterProp®-Hybrid (IP-H). Conductivity is significant because a large majority of 35/140 IP-H falls between the 35 and 80 mesh screens, with the remainder between 80 and 140 mesh.

This hybrid mesh distribution, combined with sintered bauxite technology, delivers superior conductivity and high strength, yet includes smaller particles that aid in propping and bridging micro-fractures without the crushing exhibited by fine sand. Bridging helps control fluid loss in downhole environments where high leak-off is a critical problem, while effective propping of micro-fractures enhances production response. Slickwater and linear gel applications are improved – when compared to the use of fine resin-coated sand – because of 35/140 IP-H's superior strength and absence of fluid interaction with resin coating, which can interfere with designed fracturing fluid performance. Saint-Gobain Proppants' 35/140 IP-H provides these performance benefits more economically than other high-strength proppants.

When you need a smaller, stronger proppant that provides both significant conductivity and fluid loss control, consider 35/140 IP-H from Saint-Gobain Proppants.



# 35/140 InterProp®-Hybrid (IP-H)

## Typical Properties

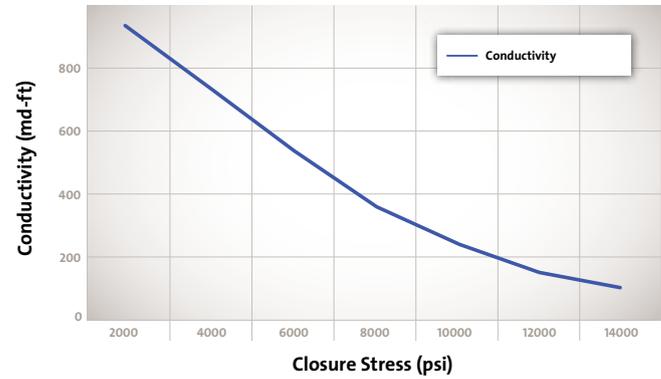
Size and Shape	
Sieve No.	% Retained
35	5
50	35
80	50
140	10
<140	Trace

ISO Mean Particle Diameter	0.29 mm
Median Particle Diameter	0.28 mm
Roundness/Sphericity (Krumbein & Sloss)	0.7

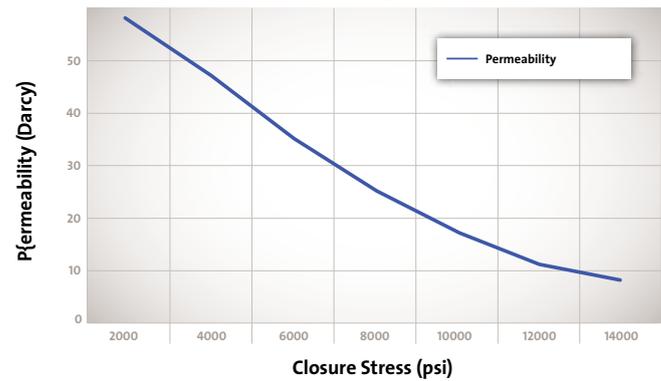
## Physical Properties

Bulk Density	1.88 g/cc (117 lbs/ft <sup>3</sup> )	
Specific Gravity	3.2	
Absolute Volume	0.0374 gal/lb	
Acid Solubility, %	2.5	
Crush Resistance at Stress %	7,500 psi	1.5
	10,000 psi	3.0
	12,500 psi	4.0

35/140 IP-H Conductivity (@300°F, 2 lbs/ft<sup>2</sup>)



35/140 IP-H Permeability (@300°F, 2 lbs/ft<sup>2</sup>)



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