

SEPROP Intermediate Strength Proppants

SEPROP ISP is a sintered bauxite-based proppants with high mechanical strength. It is suitable for vertical wells involving contained high pressures up to 12,500psi.

Particle Sizes

16/30, 20/40, 30/50, 40/70.

Packing

It is supplied in 1.5MT polypropylene bags.

PHYSICAL ANALYSIS					
	Unit	SEPROP 16/30	SEPROP 20/40	SEPROP 30/50	SEPROP 40/70
Average Diameter	mm	0.940	0.680	0.440	0.310
Sphericity×Rounding	K&S*	0.9×0.9	0.9×0.9	0.9×0.9	0.9×0.9
Apparent Density	g/cm ³	3.25	3.26	3.26	3.26
Absolute Density	g/cm ³	3.40	3.40	3.40	3.40
Bulk Density	g/cm ³	1.75	1.75	1.74	1.74
Bulk Density	lb/ft ³	111.0	111.0	108.6	108.6
Absolute Volume	gal/lb	0.034	0.034	0.034	0.034
Acid Solubility	HCl+HF%	5.2	5.2	5.2	5.2

*K&S - Krumbein and Sloss methods.

CRUSH TEST				
(% fines generated @ stress)				
	SEPROP 16/30	SEPROP 20/40	SEPROP 30/50	SEPROP 40/70
5,000psi	-	-	-	-
7,500psi	4.9	1.1	1.0	0.7
10,000psi	7.7	3.4	2.8	2.1
12,500psi	11.6	6.1	4.7	3.9
15,000psi	-	-	-	-

For additional information please contact us:

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 Phone: +86.185.3023.9533
 ADD: F24,JINGYE,JINSUI BLVD.,XINXIANG,HN.,CHINA

PARTICAL SIZE ANALYSIS				
Meshes	SEPROP 16/30	SEPROP 20/40	SEPROP 30/50	SEPROP 40/70
	%Retained	%Retained	%Retained	%Retained
#8	-	-	-	-
#10	-	-	-	-
#12	-	-	-	-
#14	-	-	-	-
#16	1	-	-	-
#18	20	-	-	-
#20	51	1	-	-
#25	25	36	-	-
#30	3	52	1	-
#35	-	10	42	-
#40	-	1	45	2
#45	-	-	10	35
#50	-	-	2	40
#60	-	-	-	20
#70	-	-	-	3
#80	-	-	-	-
#90	-	-	-	-
#100	-	-	-	-
#120	-	-	-	-
Fines	0	0	0	0

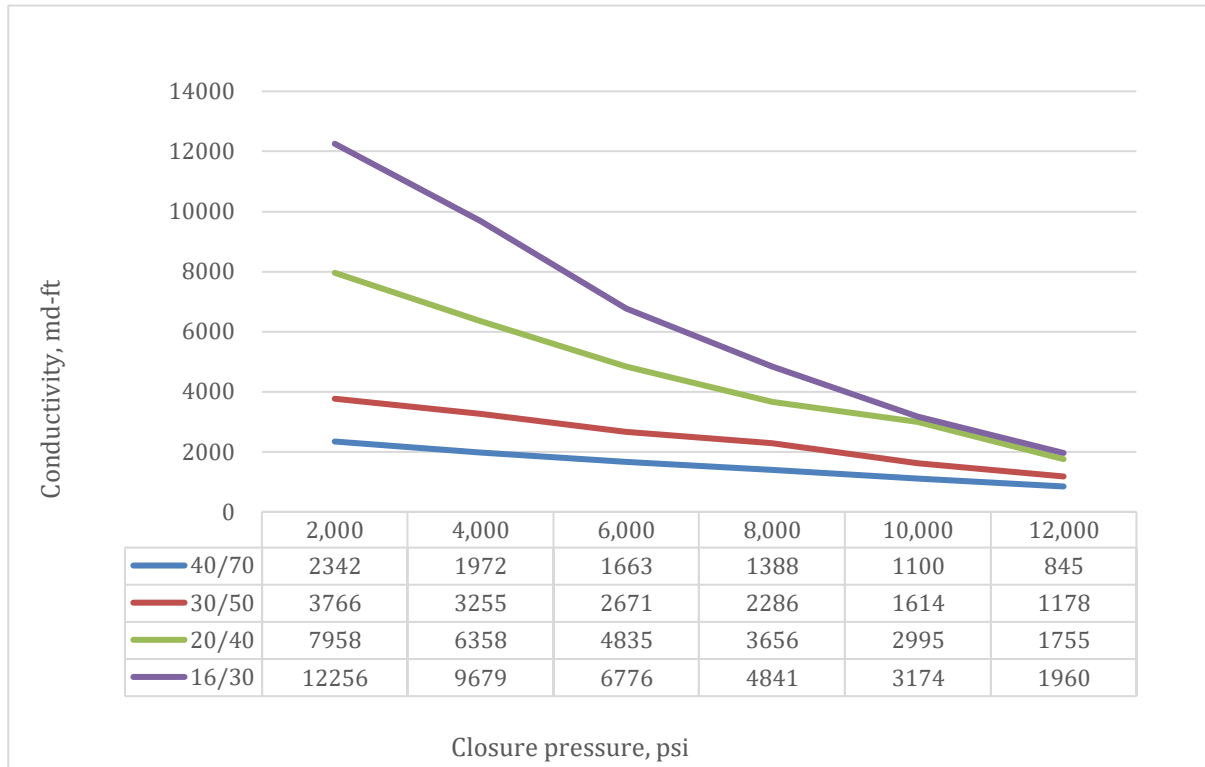
CHEMICAL ANALYSIS				
Al ₂ O ₃	SiO ₂	TiO ₂	Fe ₂ O ₃	Other
72.8%	11.2%	1.8%	5.2%	9.0%

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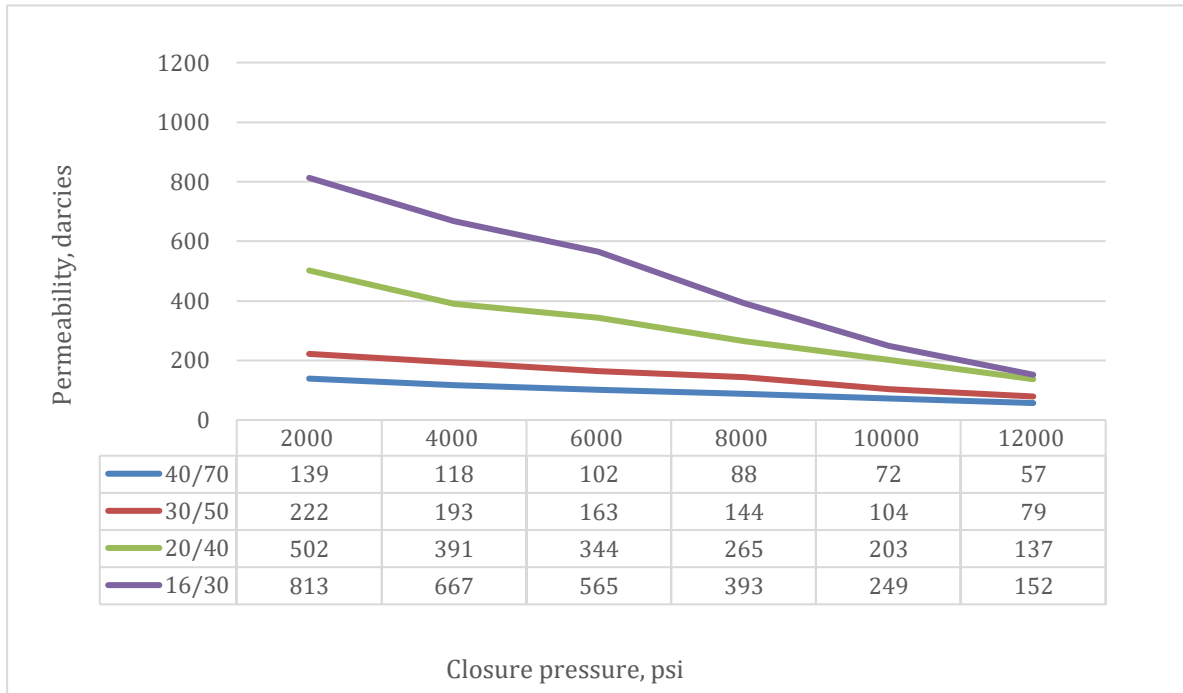
ISP-SEPROP-Conductivity

md-ft-2% KCl@250°F



ISP-SEPROP-Permeability

Darcy 2% KCl @250°F



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