

SEPREM High Strength Proppants

SEPREM HSP is a sintered bauxite-based proppants with high mechanical strength. It is suitable for vertical wells involving contained high pressures up to 15,000psi.

Particle Sizes

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

Packing

It is supplied in 1.5MT polypropylene bags.

PHYSICAL ANALYSIS					
	Unit	SEPREM 16/30	SEPREM 20/40	SEPREM 30/50	SEPREM 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/cm3	3.35	3.35	3.35	3.35
Absolute Density	g/cm3	3.50	3.50	3.50	3.50
Bulk Density	g/cm3	1.82	1.82	1.83	1.83
Bulk Density	lb/ft3	113.6	113.6	114.2	108.6
Acid Solubility	HCl+HF%	5.2	5.2	5.2	5.2

*K&S - Krumbein and Sloss methods.

CRUSH TEST				
(% fines generated @ stress)				
	SEPREM HSP16/30	SEPREM HSP20/40	SEPREM HSP30/50	SEPREM HSP40/70
7,500psi	-	-	-	-
10,000psi	5.1	2.6	2.1	1.7
12,500psii	7.3	4.5	3.6	3.1
15,000psi	12.5	7.8	6.5	5.2

PARTICAL SIZE ANALYSIS				
Meshes	SEPREM HSP16/30	SEPREM HSP20/40	SEPREM HSP30/50	SEPREM HSP40/70
	%Retained	%Retained	%Retained	%Retained
#8	-	-	-	-
#10	-	-	-	-
#12	-	-	-	-
#14	-	-	-	-
#16	1	-	-	-
#18	25	-	-	-
#20	62	1	-	-
#25	10	40	-	-
#30	2	55	1	-
#35	-	3	45	-
#40	-	1	45	2
#45	-	-	8	35
#50	-	-	1	45
#60	-	-	-	15
#70	-	-	-	3
#80	-	-	-	-
#90	-	-	-	-
#100	-	-	-	-
#120	-	-	-	-
Fines	0	0	0	0

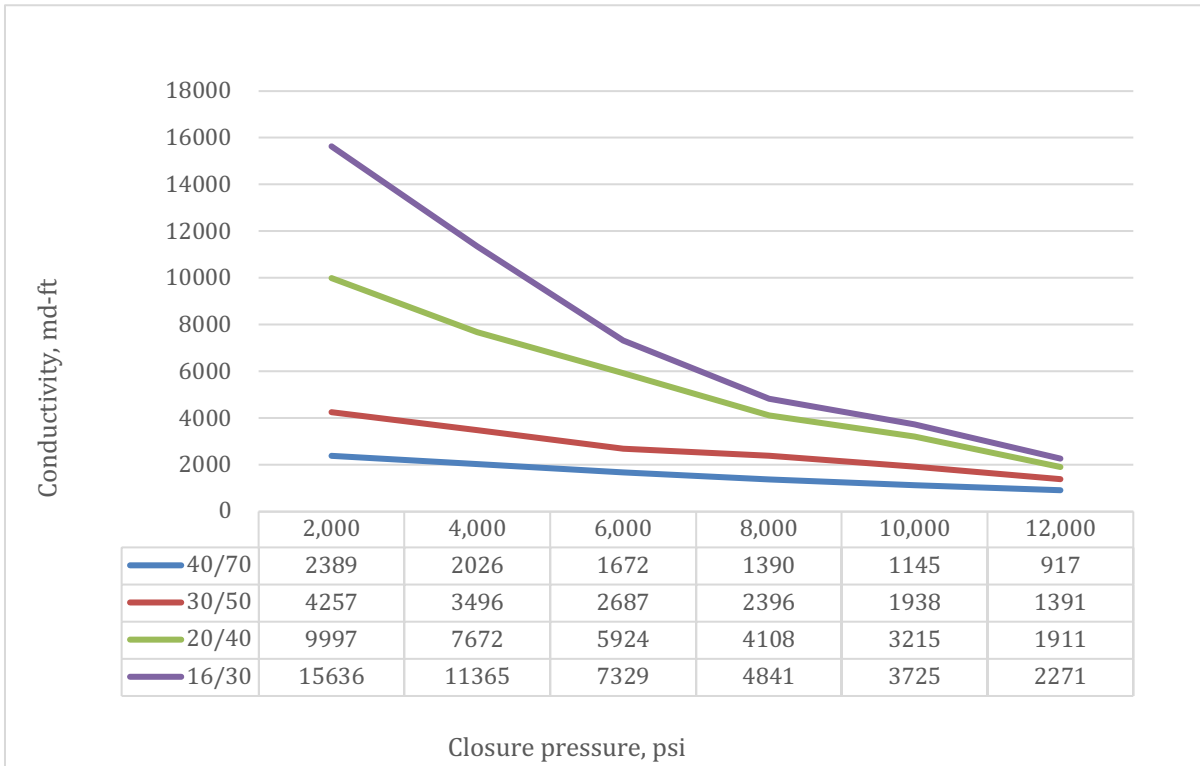
CHEMICAL ANALYSIS				
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	Other
78.5%	8.5%	4.3%	3.7%	5.0%

For additional information please contact us:

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 ADD: F24,JINGYE,JINSUI BLVD.,XINXIANG,HN.,CHINA

HSP-SEPREM-Conductivity

md-ft-2% KCl@250°F



HSP- SEPREM -Permeability

Darcy 2% KCl @250°F

