

Pacific MidProp - an Intermediate Strength Product

Specifications and Properties

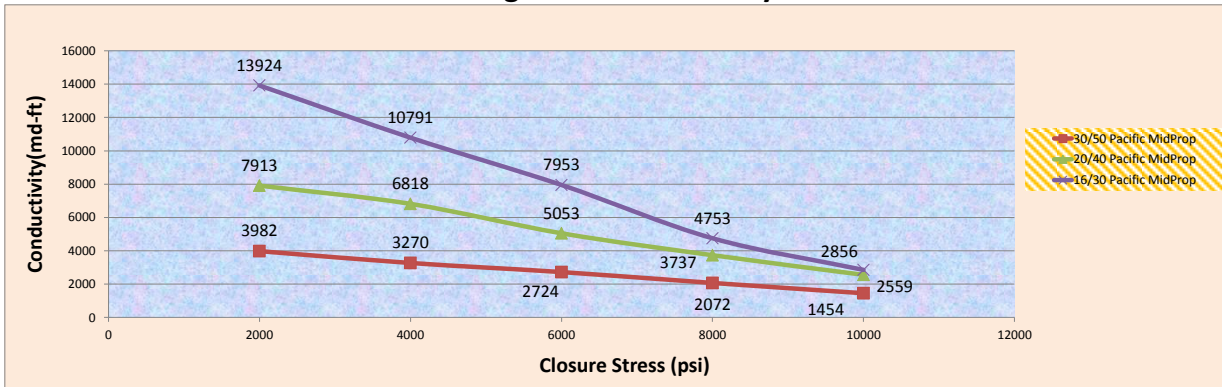
Pacific MidProp					
30/50		20/40		16/30	
Sieve Analysis					
Sieve	Wt.% Retained	Sieve	Wt.% Retained	Sieve	Wt.% Retained
+30 mesh	0.0%	+18 mesh	0.0%	+16 mesh	0.0%
-30 + 35 mesh	2.4%	-18 + 20 mesh	0.2%	-18 + 16 mesh	20.1%
-35 + 40 mesh	36.6%	-20 + 25 mesh	28.4%	-18 + 20 mesh	62.6%
-40 + 45 mesh	48.2%	-25 + 30 mesh	50.4%	-20 + 25 mesh	15.4%
-45 + 50 mesh	11.3%	-30 + 40 mesh	20.3%	-25 + 30 mesh	1.4%
-50 mesh	1.4%	-40 mesh	0.6%	-30 mesh	0.3%
Median Particle Diameter					
0.480 mm		0.655 mm		0.916 mm	
Crush Resistance					
Closure Stress	Fines %				
5000 psi					
7500 psi					
10000 psi	1.5%	2.5%		8.3%	
12500 psi	2.7%	4.4%		11.5%	
Physical Properties					
Roundness	0.9	0.89		0.9	
Sphericity	0.9	0.9		0.9	
Bulk Density	1.83 g/cm ³	1.83 g/cm ³		1.83 g/cm ³	
	114.2 lb/ft ³	114.2 lb/ft ³		114.2 lb/ft ³	
Specific Gravity	3.34 g/cm ³	3.34 g/cm ³		3.34 g/cm ³	
Acid Solubility	5.3%	5.6%		4.7%	

Long Term Conductivity and Permeability

30/50, 20/40 and 16/30 Pacific MidProp

Closure Stress (psi)	Conductivity (md/ft)			Permeability (darcies)		
	30/50	20/40	16/30	30/50	20/40	16/30
2000	3982	7913	13924	239	466	815
4000	3270	6818	10791	202	413	651
6000	2724	5053	7953	172	316	487
8000	2072	3737	4753	134	240	303
10000	1454	2559	2856	100	172	194

Long Term Conductivity



Permeability

