Longchuan Industry District, Yangquan, 045200, P.R. China

CQLite™ – Technical Specifications

- Manufactured and Delivered by; Changqing Proppant Corporation
- High quality proppant with high flow rates in both initial and post production stages for greater production and less drop-off.
- Perfect application for moderate well depth.
- Available in standard sizes: 20/40, 30/50

Physical Properties	CQLite™		
US Mesh	Weight % Retained		
	20/40	30/50	40/70
18	0		
20	1.9		
25	51.6		
30	39.8	3.2	
35	6.5	59.7	
40	0.1	36.3	0.3
45	0.1	0.5	72.6
50	0.1	0.2	26.5
60		0.1	0.3
70			0.1
100			0.1
% in size	98.0	96.7	99.6
Median Diameter, mm	0.718	0.522	0.373
Crush fines *% by weight generated:			
@ 5,000 psi	0.7	1.7	--
@ 7,500 psi	3.1	4.1	3.3
@10,000 psi	5.4	8.1	5.7
@12,500psi	9.8	12.0	8.6
@15,000psi	--	--	10.4
Sphericity	0.9	0.9	0.8
Roundness	0.8	0.9	0.9
Acid Solubility, %	2.1	5.6	5.5
Bulk Density, g/cc	1.60	1.60	1.60
Bulk Density, lb/cuft	100	100	100
Specific Gravity, g/cc	2.69	2.76	2.74
Absolute Volume, gal/lb	0.044	0.043	0.043
Turbidity, FTU	15	48	26

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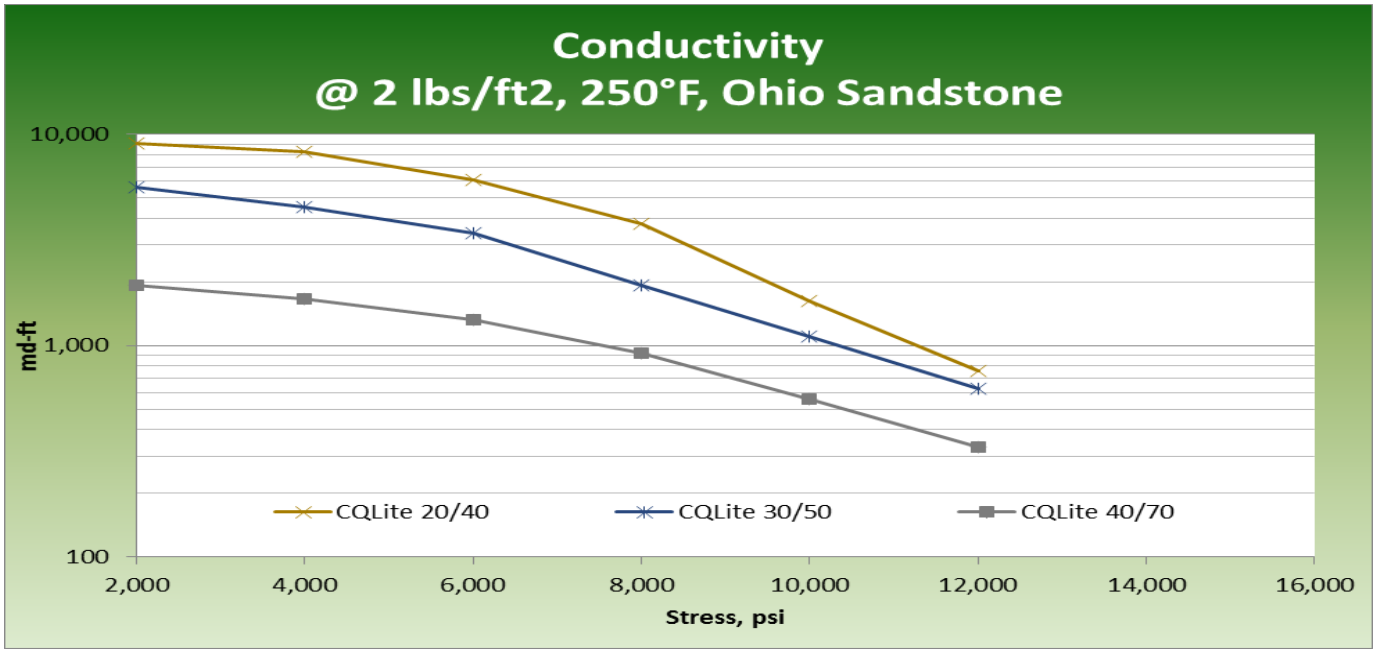
Long-term Conductivity (2 lb/ft2, 250°F, with 2% KCl, Between Ohio sandstone)

Conductivity (md-ft):

Closure Stress (psi)	20/40	30/50	40/70
2,000	9,058	5,604	1,933
4,000	8,257	4,533	1,655
6,000	6,085	3,407	1,321
8,000	3,785	1,937	917
10,000	1,635	1,106	560
12,000	759	627	330
14,000			

Permeability (Darcies):

Closure Stress (psi)	20/40	30/50	40/70
2,000	509	324	109
4,000	479	269	96
6,000	365	209	78
8,000	236	122	56
10,000	105	72	35
12,000	50	42	21
14,000			



All the above data are typical values obtained according to ISO 13503-2/API RP 19C, and ISO 13503-5. Actual conductivity may vary substantially due to gel damage, fines migration, and other factors.

For more information, please contact us at contact@cqprop.com.