



**Joint-Stock Company
Borovichi Refractories
(Proppant) Plant**

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BORPROP[®] RCP R1

Technical Data Sheet

Super strength proppant

Borprop 16/30 RCP R1

Physical Properties

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	1.4%	3.7%	6.1%	8.9%

UCS, psi (24 hrs. at 121°C)	726
Curable resin, %	80
Bulk Density, g/ccm:	1.65
Specific Gravity, g/ccm:	2.90
Sphericity:	0.9
Roundness:	0.8
Sieve Analysis (90% 16/20)	99.8
Mean Size, mm:	0.942
Acid Solubility, % (by ISO):	2.1
Turbidity, FTU:	114

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Long-Term Conductivity and Permeability

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	7485	6650	5149	3492	1988	1132
Permeability, Darcy	407	372	294	204	120	70.4

26th June 2015
Data from FracTech Laboratories