



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

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## ***BORPROP<sup>®</sup> RCP R1***

### *Technical Data Sheet*

Super strength proppant

### *Borprop 12/18 RCP R1*

#### *Physical Properties*

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	2.2%	6.0%	9.8%	15.1%

UCS, psi (24 hrs. at 121°C)	452
Curable resin, %	68
Bulk Density, g/ccm:	1.68
Specific Gravity, g/ccm:	2.94
Sphericity:	0.9
Roundness:	0.8
Sieve Analysis (90% 16/20)	99.8
Mean Size, mm:	1.299
Acid Solubility, % (by ISO):	0.9
Turbidity, FTU:	126

### *Borprop 12/18 RCP R1*

#### *Long-Term Conductivity and Permeability*

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	22856	19687	15611	8437	5703	2815
Permeability, Darcy	1240	1089	888	498	348	180

26<sup>th</sup> June 2015  
Data from FracTech Laboratories