



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

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## ***BORPROP<sup>®</sup> RCP R1***

### *Technical Data Sheet*

Resin-coated Ceramic proppant

### *Borprop 12/18 RCP R1*

#### *Physical Properties*

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	3.0%	6.4%	11.3%	16.2%

UCS, psi (24 hrs. at 121°C)	1415
Curable resin, %:	67
Loss of Ignition, %:	4.30
Bulk Density, g/ccm:	1.71
Specific Gravity, g/ccm:	2.89
Sphericity:	0.9
Roundness:	0.9
Sieve analysis (90% 12/18)	99.5
Mean Size, mm:	1.365
Acid Solubility, % (by ISO):	0.6
Turbidity, FTU:	68

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

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	25473	23907	18578	12043	6764	3614
Permeability, Darcy	1404	1354	1077	723	422	234

31<sup>st</sup> May 2013  
Data from FracTech Laboratories