



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

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## ***BORPROP<sup>®</sup> RCP R1***

### ***Technical Data Sheet***

Resin-coated Ceramic proppant

### ***Borprop 16/20 RCP R1***

### ***Physical Properties***

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	4.6%	9.2%	14.3%	18.7%

UCS, psi (24 hrs. at 121°C)	921
Curable resin, %:	63
Loss of Ignition, %:	3.35
Bulk Density, g/ccm:	1.68
Specific Gravity, g/ccm:	2.95
Sphericity:	0.9
Roundness:	0.9
Sieve analysis (90% 12/18)	98.4
Mean Size, mm:	1.050
Acid Solubility, % (by ISO):	2.1
Turbidity, FTU:	98

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

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	16787	14845	11748	7126	4521	2865
Permeability, Darcy	941	855	695	436	287	189

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