



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

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## ***BORPROP<sup>®</sup> RCP R1***

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

Resin-coated Ceramic proppant

### ***Borprop 20/40 RCP R1***

#### ***Physical Properties***

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	0.5%	1.1%	2.8%	5.8%

UCS, psi (24 hrs. at 121°C)	764
Curable resin, %:	81
Loss of Ignition, %:	4.20
Bulk Density, g/ccm:	1.67
Specific Gravity, g/ccm:	2.95
Sphericity:	0.9
Roundness:	0.9
Sieve analysis (90% 12/18)	97.0
Mean Size, mm:	0.720
Acid Solubility, % (by ISO):	0.7
Turbidity, FTU:	96

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

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	4777	4198	3617	2985	2270	1481
Permeability, Darcy	271	242	212	178	138	94

9<sup>th</sup> August 2011  
Data from FracTech Laboratories