



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

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BORPROP[®] RCP R2

Technical Data Sheet

Resin-coated Ceramic proppant

Borprop 20/40 RCP R2

Physical Properties

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	1.0%	2.4%	4.9%	8.4%

UCS, psi (24 hrs. at 121°C)	644
Curable resin, %:	94
Loss of Ignition, %:	5.18
Bulk Density, g/ccm:	1.62
Specific Gravity, g/ccm:	2.91
Sphericity:	0.9
Roundness:	0.9
Sieve analysis (90% 12/18)	96.0
Mean Size, mm:	0.737
Acid Solubility, % (by ISO):	2.3
Turbidity, FTU:	96

Long-Term Conductivity and Permeability

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	4162	3569	2860	1959	1255	718
Permeability, Darcy	238	209	170	120	79	47

9th August 2011
Data from FracTech Laboratories