



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

1, Mezhdunarodnaya Street, Borovichi, Russia, 174411, borprop@oaobko.ru

BORPROP[®] RCP R2

Technical Data Sheet

Resin-coated Ceramic proppant

Borprop 16/30 RCP R2

Physical Properties

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	1.1%	3.2%	7.5%	12.4%

UCS, psi (24 hrs. at 121°C)	715
Curable resin, %:	91
Loss of Ignition, %:	4.89
Bulk Density, g/ccm:	1.61
Specific Gravity, g/ccm:	2.79
Sphericity:	0.9
Roundness:	0.9
Sieve analysis (90% 12/18)	99.4
Mean Size, mm:	0.931
Acid Solubility, % (by ISO):	1.2
Turbidity, FTU:	66

Long-Term Conductivity and Permeability

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	8901	7219	4767	2554	1270	655
Permeability, Darcy	505	421	287	160	83	44

9th August 2011
Data from FracTech Laboratories