



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

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BORPROP[®]

Technical Data Sheet

Ceramic proppant

Borprop 30/50

Physical Properties

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	0.9%	2.4%	3.0%	4.9%

	-20 +30	-30 +35	-35 +40	-40 +45	-45 +50	-50 +70
SIEVE DISTRIBUTION	0.4%	46.1%	43.5%	9.6%	0.4%	0.0%

Bulk Density, g/ccm:	1.69
Specific Gravity, g/ccm:	3.13
Sphericity:	0.9
Roundness:	0.9
Mean Size, mm:	0.497
Acid Solubility, % (by ISO):	5.8
Turbidity, FTU:	70

Borprop 30/50

Long-Term Conductivity and Permeability

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	4257	3555	3000	2040	1300	933
Permeability, Darcy	250	215	185	130	85.0	62.8