



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

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BORPROP[®]

Technical Data Sheet

Ceramic proppant

Borprop 20/40

Physical Properties

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	2.0%	4.6%	6.3%	10.0%

	-16 +20	-20 +25	-25 +30	-30 +35	-35 +40	-40 +50
SIEVE DISTRIBUTION	0.1%	9.9%	54.4%	25.9%	7.5%	2.2%

Bulk Density, g/ccm:	1.72
Specific Gravity, g/ccm:	3.18
Sphericity:	0.8
Roundness:	0.8
Mean Size, mm:	0.620
Acid Solubility, % (by ISO):	5.9
Turbidity, FTU:	99

Borprop 20/40

Long-Term Conductivity and Permeability

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	7044	4563	3417	2324	1520	961
Permeability, Darcy	414	277	214	151	102	66.9