



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

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BORPROP[®] SSP

Technical Data Sheet

Super strength proppant

Borprop 40/70 SSP

Physical Properties

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	0.0%	0.1%	0.3%	0.4%

	-30 +40	-40 +45	-45 +50	-50 +60	-60 +70	-70 +100
SIEVE DISTRIBUTION	0.1%	31.9%	39.9%	23.9%	3.9%	0.3%

Bulk Density, g/ccm:	1.89
Specific Gravity, g/ccm:	3.21
Sphericity:	0.9
Roundness:	0.8
Mean Size, mm:	0.331
Acid Solubility, % (by ISO):	6.1
Turbidity, FTU:	36

Borprop 40/70 SSP

Long-Term Conductivity and Permeability

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	1066	929	831	720	624	519
Permeability, Darcy	68.1	60.6	55.4	48.9	43.1	36.5