



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

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BORPROP[®] SSP

Technical Data Sheet

Super strength proppant

Borprop 30/50 SSP

Physical Properties

Closure Stress (psi)	7500	10000	12500	15000
CRUSH RESISTANCE	0.1%	0.2%	0.4%	0.7%

	-20 +30	-30 +35	-35 +40	-40 +45	-45 +50	-50 +70
SIEVE DISTRIBUTION	0.2%	45.4%	44.4%	9.5%	0.4%	0.0%

Bulk Density, g/ccm:	1.79
Specific Gravity, g/ccm:	3.05
Sphericity:	0.9
Roundness:	0.8
Mean Size, mm:	0.495
Acid Solubility, % (by ISO):	4.4
Turbidity, FTU:	34

Borprop 30/50 SSP

Long-Term Conductivity and Permeability

Closure Stress (psi)	2000	4000	6000	8000	10000	12000
Conductivity, Md-Ft	2877	2450	2071	1664	1143	756
Permeability, Darcy	177	155	134	110	77.9	53.1