

FORES MgLight[®]

Technical Data Sheet



Ceramic proppant
Product name: MgLight[®]
Manufacturer: Fores Ltd, Russia
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FORES MgLight 30/50 PHYSICAL PROPERTIES

	7,500 psi	10,000 psi	12,500 psi	15,000 psi
Crush resistance	1.50%	3.90%	7.10%	9.20%

	-20 +25	-25 +30	-30 +35	-35 +40	-40 +50
Sieve distribution	0.0%	1.0%	57.9%	39.8%	1.3%

Bulk density: 1.54 g/cm³
Specific gravity: 2.78 g/cm³
Sphericity: 0.9
Roundness: 0.9
Acid solubility in HCl: 2.7%

FORES MgLight 30/50 LONG TERM CONDUCTIVITY AND PERMEABILITY

	2,000 psi	4,000 psi	6,000psi	8,000psi	10,000psi
Conductivity, MD-FT	3,552	3,032	2,408	1,835	1,160
Permeability, Darcy	198	172	140	110	73
Beta factor, atmsec ² /kg	0.170	0.200	0.323	0.574	1.670