

FORES MgLight[®]

Technical Data Sheet



Ceramic proppant
Product name: MgLight[®]
Manufacturer: Fores Ltd, Russia
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FORES MgLight 20/40 PHYSICAL PROPERTIES

	7,500 psi	10,000 psi	12,500 psi	15,000 psi
Crush resistance	1.60%	4.60%	8.40%	11.80%

	-16 +20	-20 +25	-25 +30	-30 +40	-40 +50
Sieve distribution	0.6%	38.6%	57.3%	3.5%	0.0%

Bulk density: 1.58 g/cm³
Specific gravity: 2.81 g/cm³
Sphericity: 0.9
Roundness: 0.9
Acid solubility in HCl: 2.7%

FORES MgLight 20/40 LONG TERM CONDUCTIVITY AND PERMEABILITY

	2,000 psi	4,000 psi	6,000psi	8,000psi	10,000psi
Conductivity, MD-FT	8,656	6,477	4,744	2,952	1,683
Permeability, Darcy	472	363	270	174	103
Beta factor, atmsec ² /kg	0.170	0.200	0.323	0.574	1.670