

FORES MgLight[®]

Technical Data Sheet



Ceramic proppant
Product name: MgLight[®]
Manufacturer: Fores Ltd, Russia
21 Frunze St.
602142 Yekaterinburg, Russia
Tel.: +7 (343) 257 7577, Fax: +7 (343) 257 8578

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 |