

FORES MgLight[®]

Technical Data Sheet



Ceramic proppant
Product name: MgLight[®]
Manufacturer: Fores Ltd, Russia
21 Frunze St.
620142 Yekaterinburg, Russia
Tel.: +7 (343) 257 7577, Fax: +7 (343) 257 8578

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 |