

CAM-Spheres 500-SG-U Specification

Product: Light grey alumino-silicate cenospheres

Chemical composition:

| | Typical Value | Range |
|--------------------------------|---------------|----------|
| Al ₂ O ₃ | 28% | 25 - 30% |
| SiO ₂ | 62% | 60 - 70% |
| Fe ₂ O ₃ | 3.0% | 2 - 4% |
| MnO | 0.1% | 0 - 1% |
| MgO | 1.0% | 0.5 - 2% |
| Na ₂ O | 0.1% | 0 - 1% |
| K ₂ O | 2.0% | 1 - 3% |
| CaO | 1.5% | 1 - 2% |

Physical properties:

| | Unit | Range |
|------------------|-------------------|---------------|
| Bulk weight | g/cm ³ | 0.36 - 0.46 |
| True Density | g/cm ³ | 0.7 - 0.9 |
| Sinkers | % | < 6 |
| Melting point | °C | > 1250 - 1400 |
| Moisture content | % | < 0.5 |
| Color | | grey |
| pH | | 7.0 - 9.9 |
| LOI | % | ≤ 1.2 |

Particle size distribution:

| Size in μm | Average, % | Maximum, up to % |
|------------|------------|------------------|
| 500 - 750 | 0 | 3 |
| 300 - 500 | 5 | 10 |
| 150 - 300 | 50 | 70 |
| 63 - 150 | 40 | 70 |
| < 63 | 5 | 15 |

Packaging:

- Big bags of 500kg with plastic liner, 2 bags stacked per pallet
- Paper bags of 20kg net, on pallets

The above values represent typical property values of the product and are accurate to the best of our knowledge.

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