

CAM-Spheres 300-SG-FGR Specification

Version 2.1 - July 2023

Product: Light grey alumino-silicate cenospheres

Chemical composition:

| | Typical Value | Range |
|--------------------------------|---------------|------------|
| Al ₂ O ₃ | 35.0% | 33 - 39% |
| SiO ₂ | 55.0% | 52 - 57% |
| Fe ₂ O ₃ | 3.5% | 2.0 - 5.0% |
| MnO | 0.3% | 0.1 - 0.5% |
| MgO | 0.5% | 0.2 - 1.0% |
| Na ₂ O | 0.5% | 0.3 - 1.0% |
| TiO ₂ | 2.0% | 1.0 - 3.0% |
| CaO | 0.7% | 0.5 - 2.0% |

Physical properties:

| | Unit | Range |
|------------------|-------------------|---------------|
| Bulk weight | g/cm ³ | 0.36 - 0.48 |
| Specific gravity | g/cm ³ | 0.75 - 0.95 |
| Sinkers | % | ≤ 5 |
| Melting point | °C | > 1350 |
| Moisture content | % | ≤ 0.3 |
| Color | | brownish grey |
| pH | | 7.0 - 9.9 |

Particle size distribution:

| Size in µm | Average, % | Maximum, up to % |
|------------|------------|------------------|
| > 500 | 0 | 0 |
| 300 - 500 | 5 | 10 |
| 150 - 300 | 65 | 70 |
| 63 - 150 | 25 | 40 |
| < 63 | 5 | 10 |

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.