

## CAM-Spheres 1200-SG Specification

Version 3.0 - November 2025

**Product:** Grey coarse alumino-silicate cenospheres

**Chemical composition:**

|                                | Typical Value | Range    |
|--------------------------------|---------------|----------|
| Al <sub>2</sub> O <sub>3</sub> | 31.0%         | 30 - 35% |
| SiO <sub>2</sub>               | 55.0%         | 55 - 65% |
| Fe <sub>2</sub> O <sub>3</sub> | 6.5%          | 3 - 8%   |
| K <sub>2</sub> O               | 1.4%          | 1 - 2%   |
| MgO                            | 0.2%          | 0 - 1%   |
| Na <sub>2</sub> O              | 0.1%          | 0 - 1%   |
| TiO <sub>2</sub>               | 2.0%          | 1 - 3%   |
| CaO                            | 1.2%          | 0.5 - 2% |

**Physical properties:**

|                  | Unit              | Range       |
|------------------|-------------------|-------------|
| Bulk weight      | g/cm <sup>3</sup> | 0.30 - 0.40 |
| Sinkers          | %                 | ≤ 6         |
| Melting point    | °C                | > 1250      |
| Moisture content | %                 | < 0.3       |
| Color            |                   | grey        |
| pH               |                   | 7.0 - 9.9   |
| LOI              | %                 | 0.5         |

**Particle size distribution:**

| Size in µm | Average, % | Maximum, up to % |
|------------|------------|------------------|
| 710 - 1200 | 25         | 30               |
| 500 - 710  | 40         | 50               |
| 300 - 500  | 45         | 70               |
| < 300      | 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.