

Specification Cenospheres CAM-125-HG

Product: Alumino-silicate Cenospheres

Version 2.1 - May 14, 2021

Chemical Composition:

| | Typical Value | Max. Value |
|--------------------------------|---------------|------------|
| Al ₂ O ₃ | 34.5 % | 37.0% |
| SiO ₂ | 56.0% | 58.0% |
| Fe ₂ O ₃ | 1.8% | 3.0% |
| MnO | 0.1% | 0.3% |
| MgO | 0.6% | 1.0% |
| Na ₂ O | 0.4% | 0.5% |
| TiO ₂ | 1.1% | 2.0% |
| CaO | 1.2% | 2.0% |

Physical Properties:

| | Unit | Typical Range / Max/Min Values |
|------------------|-------------------|-----------------------------------|
| Bulk weight | g/cm ³ | 0.36 - 0.46 |
| Specific gravity | g/cm ³ | 0.75 - 0.95 |
| Sinker | % | ≤ 12 |
| Melting Point | °C | > 1550 |
| Moisture Content | % | < 0.25 |
| Color | | light grey |
| pH | | 7-9.9 |

**Particle Size
Distribution:**

| Size | Average, % | Maximum, up to % |
|-------------|------------|------------------|
| > 150μ | 0 | 0 |
| 150 - 125 μ | 0.5 | 2 |
| 125 - 0 μ | 99 | 100 |
| < 63 μ | 25 | 40 |

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.