

## CAM-Spheres 300-HG-W Specification

**Product:** Light grey alumino-silicate cenospheres

**Chemical composition:**

	Typical Value	Range
Al <sub>2</sub> O <sub>3</sub>	34.5%	32 - 37%
SiO <sub>2</sub>	56.0%	54 - 60%
Fe <sub>2</sub> O <sub>3</sub>	2.0%	1.5 - 3.5%
MnO	0.1%	0.1 - 0.5%
MgO	0.5%	0.5 - 1.0%
Na <sub>2</sub> O	0.5%	0.3 - 1.0%
TiO <sub>2</sub>	1.1%	0.5 - 2.0%
CaO	1.2%	0.8 - 2.0%

**Physical properties:**

	Unit	Range
Bulk weight	g/cm <sup>3</sup>	0.36 - 0.46
True Density	g/cm <sup>3</sup>	0.75 - 0.85
Sinkers	%	≤ 6
Specific gravity	g/cm <sup>3</sup>	0.75 - 0.82
Crush Resistance	% @ 3000psi	24.5 - 27.4
Melting point	°C	1450 - 1600
Moisture content	%	≤ 0.3
Color		light grey
pH		7.0 - 9.9

**Particle size distribution:**

Size in μm	Average, %	Maximum, up to %
> 500	0	0
300 - 500	0	3
150 - 300	50	60
63 - 150	45	75
< 63	5	10

**Packaging:**

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