

CAM-Spheres 500-HG-A Specification

Version 3.0 - June 2022

Product: Light grey alumino-silicate cenospheres

Chemical composition:	Typical Value	Range
Al ₂ O ₃	33.0%	32 - 37%
SiO ₂	55.0%	54 - 60%
Fe ₂ O ₃	2.0%	1.5 - 3.5%
MnO	0.1%	0.1 - 0.5%
MgO	0.5%	0.5 - 1.0%
Na ₂ O	0.5%	0.3 - 1.0%
TiO ₂	1.1%	0.5 - 2.0%
CaO	1.2%	0.8 - 2.0%

Physical properties:	Unit	Range
Bulk weight	g/cm ³	0.36 - 0.46
Specific gravity	g/cm ³	0.65 - 0.85
Sinkers	%	< 6
Melting point	°C	1450 - 1600
Moisture content	%	< 0.3
Crush resistance 3000psi	% survivors	> 60
Color		light grey
pH		7.0 - 9.9

Particle size distribution:	Size in µm	Average, %	Maximum, up to %
	> 500	0	3
	300 - 500	2	15
	150 - 300	40	70
	63 - 150	50	60
	< 63	10	20

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.