

CAM-Spheres 500-HG-FGR Specification

Version 1.0 - October 2023

Product: Light grey alumino-silicate cenospheres

Chemical composition:

	Typical Value	Range
Al ₂ O ₃	34.5%	32 - 37%
SiO ₂	56.0%	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	0.34 - 0.40
Sinkers	%	≤ 5
Melting point	°C	1425 - 1475
Moisture content	%	< 0.3
Color		gray
pH		7.0 - 9.9

Particle size distribution:

Size in µm	Average, %	Min./Max. in %
> 750	0	0
500 - 750	1	< 3
300 - 500	75	> 70
150 - 300	24	< 30
63 - 150	0	< 5
< 63	0	< 3

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.