

CAM-Spheres 500-SG-U Specification

Version 3.1 - April 2025

Product: Light grey alumino-silicate cenospheres

Chemical composition:

	Typical Value	Range
Al ₂ O ₃	28%	25 - 30%
SiO ₂	62%	60 - 70%
Fe ₂ O ₃	3.0%	2 - 4%
MnO	0.1%	0 - 1%
MgO	1.0%	0.5 - 2%
Na ₂ O	0.1%	0 - 1%
K ₂ O	2.0%	1 - 3%
CaO	1.5%	1 - 2%

Physical properties:

	Unit	Range
Bulk weight	g/cm ³	0.36 - 0.46
True Density	g/cm ³	0.7 - 0.9
Sinkers	%	< 6
Melting point	°C	> 1250 - 1400
Moisture content	%	< 0.5
Color		grey
pH		7.0 - 9.9
LOI	%	≤ 1.2

Particle size distribution:

Size in µm	Average, %	Maximum, up to %
500 - 750	0	3
300 - 500	5	10
150 - 300	50	70
63 - 150	40	70
< 63	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.