

CAM-Spheres 500-XG Specification

Version 5.1 - April 2025

Product: White alumino-silicate cenospheres

Chemical composition:

	Typical Value	Range
Al ₂ O ₃	35.0%	34 - 38%
SiO ₂	56.5%	55 - 60%
Fe ₂ O ₃	1.6%	1.0 - 3.0%
MnO	0.2%	0.1 - 0.5%
MgO	0.6%	0.5 - 1.0%
Na ₂ O	0.5%	0.4 - 0.9%
TiO ₂	1.0%	0.8 - 2.0%
CaO	1.3%	1.0 - 2.0%

Physical properties:

	Unit	Range
Bulk weight	g/cm ³	0.36 - 0.46
True Density	g/cm ³	0.75 - 0.85
Melting point	°C	1525 - 1650
Sinker	%	< 6
Moisture content	%	< 0.3
Color		white
pH		7.0 - 9.9

Particle size distribution:

Size in µm	Average, %	Maximum, up to %
> 720	0	0
500 - 720	0.5	2
300 - 500	5	20
150 - 300	40	70
63 - 150	55	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.