

CAM-Spheres 500-XG-FGR Specification

Version 4.1 - 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	0.34 - 0.46
True Density	g/cm ³	0.75 - 0.95
Melting point	°C	1525 - 1650
Sinker	%	≤ 5
Moisture content	%	≤ 0.3
Color		grey / light grey
pH		7.0 - 9.9

Particle size distribution:

Size in µm	Average, %	Min/Max in %
> 720	0	0
500 - 720	1	≤ 3
300 - 500	80	≥ 60
63 - 300	20	≤ 40
< 63	2	≤ 5

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.