

CAM-Spheres® 500-XG-FGR-T Specification

Version 2.1 - January 2023

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
Melting point	°C	1525 - 1650
Sinker	%	< 6
Moisture content	%	< 0.25
Color		white
pH		7.0 - 9.9

Particle size distribution:

Size in µm	Average, %	Maximum, up to %
> 710	0	0
500 - 710	0,5	3
300 - 500	60	85
150 - 300	35	40
63 - 150	5	5
< 63	0	3

Packaging:

- Big bags of 500 kg with plastic liner, 2 bags stacked per pallet
- Paper bags of 19 kg net, on pallets