

CAM-Spheres 150-XG-O Specification

Version 1.1 - May 2023

Product: White alumino-silicate cenospheres

Chemical composition:

	Typical Value	Range
Al ₂ O ₃	35.1%	34 - 38%
SiO ₂	53.5%	50 - 55%
Fe ₂ O ₃	1.8%	1.0 - 3.0%
MnO	0.1%	0.0 - 0.5%
MgO	0.3%	0.1 - 0.5%
Na ₂ O	0.4%	0.3 - 0.8%
TiO ₂	1.2%	1.0 - 2.0%
CaO	2.8%	2.5 - 3.0%

Physical properties:

	Unit	Range
Bulk weight	g/cm ³	0.36 - 0.46
True Density	g/cm ³	0.6 - 0.8
Melting point	°C	1475 - 1600
Sinker	%	< 7
Moisture content	%	< 0.3
Color		white
pH		7.0 - 9.9

Particle size distribution:

Size in µm	Average, %	Maximum, up to %
> 250	0	0
150 - 250	5	15
63 - 150	85	90
< 63	10	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.