

## CAM-Spheres 500-XG-FGR Specification

Version 3.0 - July 2023

**Product:** White alumino-silicate cenospheres

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

Physical properties:	Unit	Range
Bulk weight	g/cm <sup>3</sup>	0.34 - 0.46
Specific gravity	g/cm <sup>3</sup>	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	0.5	≤ 3
	300 - 500	60	≤ 60
	63 - 300	35	≤ 40
	< 63	5	≤ 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.