

## CAM-Spheres 100-XG Specification

Version 2.0 - June 2022

**Product:** White alumino-silicate cenospheres

**Chemical composition:**

	Typical Value	Range
Al <sub>2</sub> O <sub>3</sub>	35.5%	34 - 38%
SiO <sub>2</sub>	57.0%	55 - 60%
Fe <sub>2</sub> O <sub>3</sub>	1.6%	1.0 - 3.0%
MnO	0.2%	0.1 - 0.5%
MgO	0.5%	0.5 - 1.0%
Na <sub>2</sub> O	0.5%	0.4 - 0.9%
TiO <sub>2</sub>	1.1%	0.8 - 2.0%
CaO	0.9%	1.0 - 2.0%

**Physical properties:**

	Unit	Range
Bulk weight	g/cm <sup>3</sup>	0.36 - 0.46
Specific gravity	g/cm <sup>3</sup>	0.75 - 0.92
Melting point	°C	1525 - 1650
Sinker	%	< 12
Moisture content	%	< 0.3
Color		white
pH		7.0 - 9.9

**Particle size distribution:**

Size in µm	Average, %	Maximum, up to %
> 200	0	0
100 - 200	1	3
63 - 100	65	80
< 63	34	50

**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.