

CAM-Spheres 300-SG-FGR Specification

Version 1.1 - July 2022

Product: Light grey alumino-silicate cenospheres

Chemical composition:

	Typical Value	Range
Al ₂ O ₃	37.0%	33 - 39%
SiO ₂	54.0%	52 - 57%
Fe ₂ O ₃	3.5%	2.0 - 5.0%
MnO	0.3%	0.1 - 0.5%
MgO	0.5%	0.2 - 1.0%
Na ₂ O	0.5%	0.3 - 1.0%
TiO ₂	2.0%	1.0 - 3.0%
CaO	0.7%	0.5 - 2.0%

Physical properties:

	Unit	Range
Bulk weight	g/cm ³	0.36 - 0.48
Specific gravity	g/cm ³	0.75 - 0.95
Sinkers	%	≤ 5
Melting point	°C	> 1350
Moisture content	%	≤ 0.3
Color		light grey
pH		7.0 - 9.9

Particle size distribution:

Size in µm	Average, %	Maximum, up to %
> 500	0	0
300 - 500	3	5
150 - 300	70	90
63 - 150	23	25
< 63	5	10

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.