

CAM-Spheres 700-SG Specification

Product: Grey coarse alumino-silicate cenospheres

Chemical composition:

	Typical Value	Range
Al ₂ O ₃	33.0%	30 - 35%
SiO ₂	55.0%	55 - 65%
Fe ₂ O ₃	5.5%	3 - 8%
K ₂ O	1.7%	1 - 2%
MgO	0.2%	0 - 1%
Na ₂ O	0.1%	0 - 1%
TiO ₂	2.0%	1 - 3%
CaO	1.2%	0.5 - 2%

Physical properties:

	Unit	Range
Bulk weight	g/cm ³	0.3 - 0.4
Specific gravity	g/cm ³	1.5 - 2.5
Sinkers	%	< 5
Melting Point	°C	> 1250
Moisture Content	%	< 0.3
Color		grey
pH		7.0 - 9.9
LOI	%	0.2

Particle size distribution:

Size in µm	Average, %	Maximum, up to %
> 1000	0	0
500 - 710	5	20
300 - 500	70	90
150 - 300	15	30
< 150	10	20

Packaging:

- Super bags with 550 - 600kg with plastic liner, 2 bags stacked per pallet