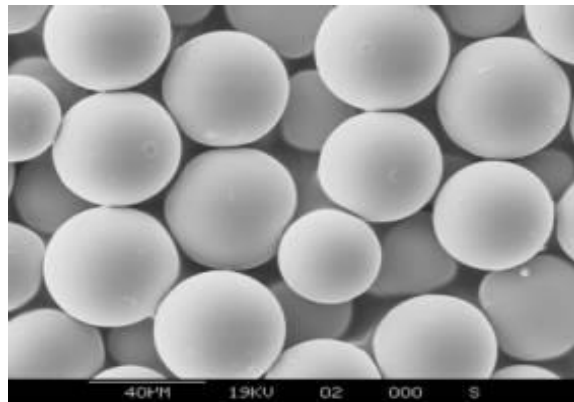


Cenospheres -Grade 500

Cenospheres are a lightweight inert gas-filled, hollow ceramic sphere. They make an excellent choice as an additive for Cement, Foam Board, Castables, Refractory applications and Resins.

Physical Properties

Appearance	Free flowing spherical powder
Specific Gravity	.78-.95 g/cc(avg. .685)
Fineness	70-140 Mesh.
Compression strength	>35Mpa(5076psi)
Loss on ignition	0.86%
Moh's hardness	6.5
Melting point	>1400°C
Refractoriness	1750°C
True Density:	0.5-1
Bulk Density	0.46
Thermal diffusivity	0.000903-0.0015m ² /h
Thermal conductivity	0.095w/m·k
Oil absorption	0.685
Refractive index	1.54
Specific resistance:	1010-1013Ω.CM



Chemical Properties Range Actual Tested

SiO ₂	55-65%	65%
Al ₂ O ₃ :	27-33%	30.5%
Fe ₂ O ₃	3.0%Max	3.2%
CaO	0.5%max	0.9%
MgO	1.2%max.	0.8%
SO ₃ :	0.15%max	0.11%
K ₂ O:	1.0%max	1.2%
Na ₂ O:	0.8%max.	0.5%

Particle Size Distribution

>99%	Passing 40 Mesh (400 Micron)
>85%	Passing 50 Mesh (300 Micron)
>50%	Passing 70 Mesh (210 Micron)
>20%	Passing 120 Mesh (125 Micron)
>5%	Passing 270 Mesh (53 Micron)

Cementing Products Inc. is major US supplier of Cenospheres for the Drilling and Manufacturing industries.

- Our Cenospheres can be custom screened to meet your exact specifications.
- Product comes in 1100lb. Supersacks.
- Our product expertise and logistical resources enable us to offer a high level of service to our customers.
- Product currently stocked in Houston, TX, and Bakersfield, CA.
- Samples available upon request.

The information contained herein is based on data considered accurate with representative samples. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The above data does not imply specifications for this product. Cementing Products Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties, caused by the material. Such vendees or users assume all risks associated with the use of the material. Consult the Material Safety Data Sheet before using this product.