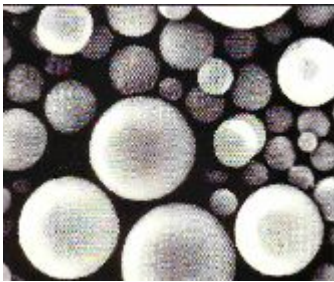




### Cenolite R Ash Cenosphere

Cenolite R, ash cenosphere, are hollow silicate microspheres extracted from the fly ash generated in coal-fired power plants. They are available in white, gray and beige color. Particle sizes range from 20 to 600 microns.



### Capabilities

- Improved Flow
- Reduce Resin or binder demand
- Lower shrinkage/wrappage
- Reduce product weight
- Superior thermal insulation
- High temperature application

### Applications

#### Building

Mortars, glass reinforced cement, lightweight panels

#### Composite FRP

Casting, spray-up, hand lay-up, cold/hot press molding, resin transfer molding, syntactic foam

#### Refractory/foundry

Ladle Topping, hot topping and risering, refractory castables, foundry core, and molding sand

#### Oil and Gas Drilling

Light weight cementing slurry, Low density oil drilling fluid

#### Paint, Coating, Plaster

Thermal insulation, chemical and slip-resistant coatings

#### Caulks/Sealants/Putties/Adhesives

Crack/joint filling, tile adhesives, automotive/marine body fillers

### Inquiry and Contact

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Lot 2 Bruce Highway  
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Physical Properties	
Appearance	free flowing powder
Shape	nonporous Spherical
Hardness	Mohs Scale 5-6
Color	white, beige, light grey
Wall thickness	5%-10% Sphere Diameter
True density	≤0.95 g/cc
Bulk density	0.48 g/cc
Melting point	1400 °C
Crush strength	2000 - 5000 Psi
Thermal conductivity	0.11 W/mK
Chemical resistance	insoluable in water
Floating ratio	95%

	Size	Grades			
Grades	R500	R300	R150	R100	
Range um	500-200	400-100	150-10	100	
Mean um	300	250	100	80	
Other sizes available on request					

### Chemical Composition

Al2O3	29.39
SiO2	62.07
MgO	0.79
Fe2O3	3.45
CaO	0.73
K2O	1.57
TiO2	1.11
Na2O	0.60
L.O.I	0.05

### Package and Storage

500kg bulk bag
20kg poly woven bag