

UNISPHERE

GLOBAL CENOSPHERE SOLUTION

CENOSPHERE OR HOLLOW MICROSPHERE

Cenospheres are hollow ceramic microspheres found in fly ash, a natural by-product of coal combustion during the generation of electric power.

They are made up of inert silica, iron and alumina. Cenospheres have a size range from 1 to 300 microns with an average compressive strength of 3000+ psi. Colors range from white to dark gray. They are also referred to as microspheres, hollow spheres, hollow ceramic microspheres, micro ballons, or glass beads

INNERHOLLOW

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Property of Using Cenosphere

Reduce End Product Weight
Increased filter loading
Increased fireproofing
Improve flow ability
Improve insulation values
Anti-corrosion

Main use of cenosphere

First is in the field of oil well cementing, cenosphere can significantly reduce cement costs and improve the life of oil wells, and improve performance.

And cenosphere is widely used in thermal insulation coatings, metallurgy, machinery, chemicals, electric furnace, boiler, glass, rubber, plastics, ceramics, refractories, building materials and other industries.

HS Code: 26219000.90

Cas No: 93924-19-7

Standard: GB/T 6901-2008

Package: In 600kg, 1000kg or as required.



Specification Sheet

Standard GB/T 6901-2008

Chemical Analysis Data	
Item	Standard
SiO ₂	50-55%
Al ₂ O ₃	28-33%
Fe ₂ O ₃	2-4%
So ₂	0.1-0.2%
Mgo	0.8-1.2%

Physical Analysis Data	
Item	Standard
Size Distribution	0-550 Microns
Appearance	Grey/White Powder
Bulk Density	0.3-0.5g/cm ³
Compressive Strength	28Mpa Min
Floating Rate	95% Min By Volume
Specific Density	0.6-0.85g/cc
Refractoriness	1550-1750°C
Moisture	0.5% Max

Sieve Analysis Data	
Item	Standard
+30Mesh (500 Micron)	NIL
+40Mesh (380 Micron)	0-1%
+80Mesh (180 Micron)	10-50%
+100Mesh (150 Micron)	20-70%
+150Mesh (106 Micron)	50-80%
+240Mesh (63 Micron)	75-95%
-240 Mesh	0-15%

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