
Cenospheres: General Product Information

CenoStar Cenospheres are inert, hollow ceramic spheres. They are used to reduce weight in concrete, resins, plastics, ceramics, paints, and coatings. Other benefits include increased filler loading, reduced shrinkage, lower viscosity, fireproofing, lubricity, and transport savings. Higher Alumina cenospheres have been developed for higher temperature applications such as refractory, foundries and high temperature coatings and flame-retardants.

EconoStar Series:

As CenoStar's standard grade product **ES** has many uses in concrete, oil drilling, and filler applications. The three products range in size from 300 to 600 microns, <355 microns and <300 microns with specific gravity of .9g/cc, .84g/cc and .79g/cc respectively.

LightStar Series:

The **LS** spheres are a flagship product for CenoStar. The **LS** group is lower in density at .55 g/cc and has a lighter color, (Hunter w67). LS spheres are available in 3 size ranges: <300 microns, <150 microns and <100 microns.

STB:

The **STB** product is a high alumina cenosphere. Unique sources of raw materials enable CenoStar to produce spheres with high alumina content (40-43%). It is especially suited to high temperature applications including refractory, foundries and coatings and flame-retardants.

Custom Engineered Spheres:

CenoStar prides itself in the ability and willingness to custom design product to meet your specific sphere needs. Either based on specific gravity, size distribution, color, chemistry, or a combination of these criteria, we can develop a product to meet your increasingly demanding applications.

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