We have a true passion for lightweight solutions.

SPHERE ONE
MICROSPHERES. PERFORMANCE. INNOVATION.



Extendospheres® HD Hollow Spheres

Sphere One's Extendospheres® are low density, high strength hollow ceramic spheres. They can allow the formulator to reduce the weight and overall cost of their finished goods.

Extendospheres®are compatible with most resins and cements. They provide additional benefits such as:

- Improved material flow
- Impact resistant
- Reduced shrinkage & warpage
- Impact resistance
- Improved sound and thermal insulation
- Environmentally friendly

Properties

Physical Form: Free-Flowing Powder
Appearance: Gray
Particle Size Range: 10-500 microns
Mean Particle Size: 130 microns
Bulk Density: 0.55 g/cc
Density: 1.00 g/cc
Deformaton Temperature: 1300° C
Compressive Strength: 5000 psi

Packaging

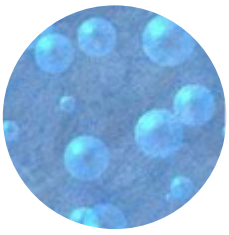
Extendospheres® HD hollow spheres are supplied in 50 pound multi-wall bags and in super-sacks. Standard pallet weight for both bags and sacks is 2,000 pounds. Customized packaging is available upon request. Samples in sufficient quantity for testing are available upon request.

Safety Information

In areas where these hollow spheres create dust, the use of a NIOSH-approved mask or respirator is recommended. Safety Data Sheet (SDS) will be supplied upon request.

Extendospheres® HD is our most versatile, general purpose hollow sphere grade.

Extendospheres® HD replaces heavier, more expensive components on an equivalent volume basis. HD has a broad particle size distribution, and makes an excellent choice for use in insulating roofing materials, cementicious coatings, grouts, and high strength anchoring compounds. They can reduce raw material costs as well as density.



Contact us at: 800-252-0039
or Visit: sphereone.net

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