We have a true passion for lightweight solutions.

SPHERE ONE
MICROSPHERES. PERFORMANCE. INNOVATION.



Extendospheres® TG 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
- Sag and "slump" resistance
- Reduced shrinkage & warpage
- Impact resistance
- Improved sound and thermal insulation
- Environmentally friendly

Properties

Physical Form: Free-Flowing Powder
Appearance: Gray
Particle Size Range: 10-150 microns
Mean Particle Size: 75 microns
Bulk Density: 0.40 g/cc
Density: 0.75 g/cc
Deformaton Temperature: 1300° C
Compressive Strength: 2500 psi

Packaging

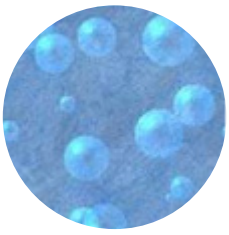
Extendospheres® TG hollow spheres are supplied in 50 pound multi-wall bags and in super-sacks. Standard pallet weight for both bags and sacks is 2,000 pounds. Customized packaging is available upon request. Samples in sufficient quantity for testing are available upon request.

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

Extendospheres® TG replaces heavier, more expensive components on an equivalent volume basis. TG has a tightly controlled particle size distribution, and makes an excellent choice for use in sealants, roofing compounds, caulks, adhesives, and latex flooring. They can reduce raw material costs as well as density.



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

Extendospheres® is a registered trademark of Sphere One, Inc. | SOi04052019
The technical information presented herein represents the best information available to us and is believed to be reliable. Sphere One, Inc. makes no warranties, either expressed or implied, with respect to our materials, including the warranties of merchantability or fitness for any particular purpose. We urge that users of our materials conduct tests to determine suitability for their specific end uses.