SPHERE ONE INC

FOR SALES, SAMPLES OR TECHNICAL SERVICE
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1-423-629-7160
Fax 1-423-698-0614
Visit Sphere One at our website:
www.sphereone.net

EXTENDOSPHERES™ HA-150 Hollow Spheres

The EXTENDOSPHERES™ HA series of products has been designed for refractory applications. It's high deformation temperature (>1600 C) is able to withstand the casting temperatures of both aluminum and steel processes. The high compression provides it with the necessary strength to survive most compounding methods. The most common use for these materials is casting reservoirs, refractory coatings, and grouts. If thermal shock is a problem, ask us about our P series of products.

EXTENDOSPHERES™ HA-150 product provides cast parts with smoother, cleaner surfaces. HA-150 should be used in applications where appearance is important, such as cast aluminum automotive rims, and friction pads.

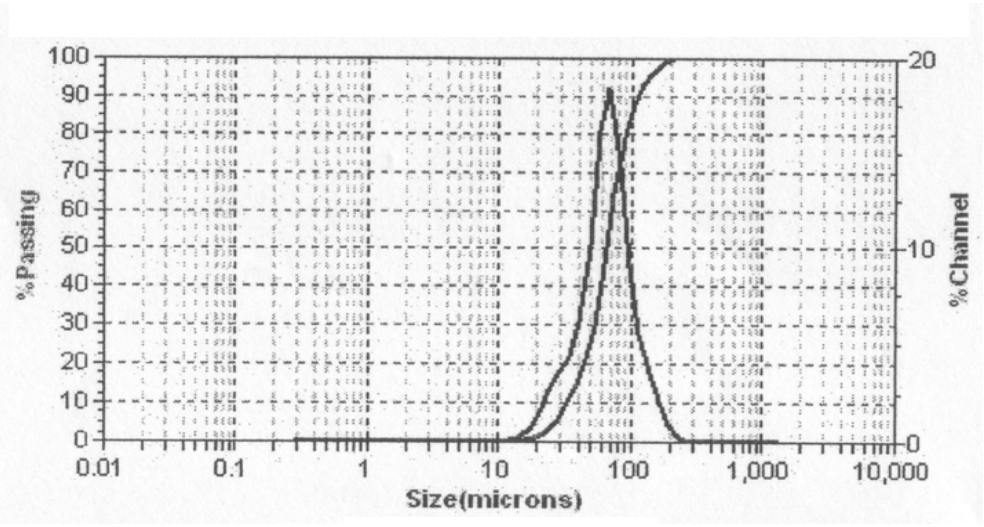
PACKAGING EXTENDOSPHERES™ HA-150 hollow spheres are supplied in. 50 lb multi-wall bags, 40 bags per pallet. Samples in sufficient quantity for testing are available upon request.

SAFETY INFORMATION

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

TYPICAL PROPERTIES OF EXTENDOSPHERES™ HA-150 CERAMIC HOLLOW SPHERES

Physical Form	Free-Flowing Powder
Appearance	Gray
Particle Size HA-150	Microns 10-150
Mean Particle Size Range HA-150	Microns 85 +/- 8 microns
Bulk Density	<25 lb/cu^3
Density	0.68 +/- .05 g/cc
Deformation Temperature	>1600°C
Compressive Strength	<10% @ 3000 psi
Hardness, Moh's Scale	5



Microtrac 3500S

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SAFETY INFORMATION