

COI Ceramics Al₂O₃SiO₂ Oxide Hollow Spheres

Category : Ceramic , Oxide

Material Notes:

Description: COI Ceramics, Inc. can fabricate a variety of thin shell hollow spheres of various compositions and sizes. These products are called Holspheres. They are available as loose spheres that can be added to a variety of end-user products. The spheres can also be bonded together and machined into products that are useful for various applications, or they may be bonded to other materials to produce hybrid articles. Applications: Include thermal barrier layers for combustor liners, structural insulation for thermal protection systems, or structural cores in combination with CMCs to create engineered components. Information from COI Ceramics, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer_COI-Ceramics-Al₂O₃SiO₂-Oxide-Hollow-Spheres.php](http://www.lookpolymers.com/polymer_COI-Ceramics-Al2O3SiO2-Oxide-Hollow-Spheres.php)

Physical Properties	Metric	English	Comments
Thickness	50.0 microns	1.97 mil	Typical Wall Thickness
	75.0 microns	2.95 mil	Typical Wall Thickness
	100 microns	3.94 mil	Typical Wall Thickness

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1500 °C	2730 °F	

Descriptive Properties	Value	Comments
Standard Sizes (mm)	1.5	
	3	
	5	

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