

SPHERE ONE EXTENDOSPHERESâ„¢ 350 Hollow Spheres

Category : Ceramic , Oxide , Silicon Oxide , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

EXTENDOSPHERESâ„¢ hollow spheres are efficient, lightweight additives for most resin systems. When Extendospheresâ„¢ replace heavier, more expensive components on an equivalent volume basis, they can reduce raw material costs as well as density.Applications:

EXTENDOSPHERESâ„¢ 350 hollow spheres are a standard grade. They are recommended for use in cement, grout, sealants, roofing compounds, PVC and latex flooring. They can also be used in high mil-build industrial coatings and mastics.Information provided by Sphere One Inc.

Order this product through the following link:
http://www.lookpolymers.com/polymer_SPHERE-ONE-EXTENDOSPHERES-350-Hollow-Spheres.php

Physical Properties	Metric	English	Comments
Bulk Density	0.400 g/cc	0.0145 lb/inÂ³	
Density	0.700 - 0.800 g/cc	0.0253 - 0.0289 lb/inÂ³	
Particle Size	150 Âµm	150 Âµm	Average Mean
	10 - 500 Âµm	10 - 500 Âµm	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	5.0	5.0	
Compressive Strength	20.7 MPa	3000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1300 Â°C	2370 Â°F	Deformation temp

Component Elements Properties	Metric	English	Comments
Al2O3	28 - 33 %	28 - 33 %	
Fe2O3	<= 4.0 %	<= 4.0 %	
SiO2	58 - 65 %	58 - 65 %	

Descriptive Properties	Value	Comments
Color	gray	
Physical Form	Free-Flowing Powder	
Shell Thickness	Approx. 10% of diameter	

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