

## SPHERE ONE EXTENDOSPHERES<sup>®</sup>,ç SL-150 Hollow Spheres

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

### Material Notes:

EXTENDOSPHERES<sup>®</sup>,ç SL are white, low-cost, low-density ceramic hollow spheres. Applications: With a density of 0.73 g/cc and a crush strength of 3,000 psi, these hollow spheres are ideal for use in coatings, sealants, caulks and other applications where low shrinkage, lightweight and white particles are desired. Information provided by Sphere One Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SPHERE-ONE-EXTENDOSPHERES-SL-150-Hollow-Spheres.php](http://www.lookpolymers.com/polymer_SPHERE-ONE-EXTENDOSPHERES-SL-150-Hollow-Spheres.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.400 g/cc	0.0145 lb/in <sup>3</sup>	
Density	0.730 g/cc	0.0264 lb/in <sup>3</sup>	
Particle Size	10 - 150 Åµm	10 - 150 Åµm	
	90 - 110 Åµm	90 - 110 Åµm	Mean

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	1700 Å°C	3090 Å°F	Deformation temp

Component Elements Properties	Metric	English	Comments
Al2O3	38.5 %	38.5 %	
Fe2O3	0.50 %	0.50 %	
SiO2	59 %	59 %	
TiO2	1.7 %	1.7 %	

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

## **Contact Songhan Plastic Technology Co.,Ltd.**

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