

## SPHERE ONE EXTENDOSPHERES<sup>®</sup>,ç 300/600 Hollow Spheres

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

### Material Notes:

EXTENDOSPHERES<sup>®</sup>,ç300/600 are efficient, lightweight additives for most resin systems. When Extendospheres<sup>®</sup>,ç replace heavier, more expensive components on an equivalent volume basis, they can reduce raw material costs as well as density. EXTENDOSPHERES<sup>®</sup>,ç 300/600 hollow spheres are gray, low-cost, low-density ceramic hollow spheres. With a density of 0.80 g/cm<sup>3</sup>, these hollow spheres are ideal for specialty applications where larger particle size is required. Information provided by Sphere One Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SPHERE-ONE-EXTENDOSPHERES-300600-Hollow-Spheres.php](http://www.lookpolymers.com/polymer_SPHERE-ONE-EXTENDOSPHERES-300600-Hollow-Spheres.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.300 g/cc	0.0108 lb/in <sup>3</sup>	
Density	0.800 g/cc	0.0289 lb/in <sup>3</sup>	
Particle Size	400 Åµm	400 Åµm	Average Mean
	300 - 600 Åµm	300 - 600 Åµm	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	5.0	5.0	
Compressive Strength	13.8 MPa	2000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1200 Å°C	2190 Å°F	Deformation temp

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

## Contact Songhan Plastic Technology Co.,Ltd.

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