

Mo-Sci Corporation GL-0263 Cu Coated Borosilicate Glass Spheres

Category : Ceramic , Glass , Oxide , Silicon Oxide

Material Notes:

Appearance: Solid borosilicate glass microspheres with metallic copper coating
Typical applications of GL-0263 glass microspheres include: conductive filler for plastic, pigment, and etc.
Information provided by Mo-Sci Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-GL-0263-Cu-Coated-Borosilicate-Glass-Spheres.php

Physical Properties	Metric	English	Comments
Bulk Density	1.20 g/cc	0.0434 lb/in ³	of Dry Beads
Density	2.20 - 2.30 g/cc	0.0795 - 0.0831 lb/in ³	
pH	7.3	7.3	in water

Thermal Properties	Metric	English	Comments
CTE, linear	3.20 Åµm/m-Å°C @Temperature 30.0 - 300 Å°C	1.78 Åµin/in-Å°F @Temperature 86.0 - 572 Å°F	
Softening Point	830 Å°C	1530 Å°F	

Component Elements Properties	Metric	English	Comments
Al2O3	2.0 - 5.0 %	2.0 - 5.0 %	Glass
B2O3	10 - 15 %	10 - 15 %	Glass
Copper, Cu	90 - 99 %	90 - 99 %	Coating
Na2O	5.0 - 10 %	5.0 - 10 %	Glass
Nickel, Ni	1.0 - 10 %	1.0 - 10 %	Coating
SiO2	70 - 80 %	70 - 80 %	Glass

Descriptive Properties	Value	Comments
Approximate Coating Thickness	600-1000 angstroms	
Conductivity	0-1% 1/ohm-cm	of pure copper

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China