

Mo-Sci Corporation GL-0175 Barium-Titanate Glass Spheres

Category : Ceramic , Glass , Oxide , Titanium Oxide

Material Notes:

Appearance: Solid glass microspheres with light yellow color in powder form. Typical applications of GL0175 beads include: high temperature spacer material for gauge control, coating, filler for plastic, retroreflection applications and etc. Information provided by Mo-Sci Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-GL-0175-Barium-Titanate-Glass-Spheres.php

Physical Properties	Metric	English	Comments
Bulk Density	1.80 g/cc	0.0650 lb/in ³	of Dry Beads
Density	4.20 - 4.50 g/cc	0.152 - 0.163 lb/in ³	
pH	7.0	7.0	in water

Thermal Properties	Metric	English	Comments
Softening Point	600 °C	1110 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.90	1.90	

Component Elements Properties	Metric	English	Comments
B2O3	1.0 - 20 %	1.0 - 20 %	
BaO	40 - 70 %	40 - 70 %	
SiO2	1.0 - 20 %	1.0 - 20 %	
TiO2	40 - 70 %	40 - 70 %	
ZrO2	1.0 - 10 %	1.0 - 10 %	

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