

Mo-Sci Corporation GL-0201 Silica Glass Spheres

Category : Ceramic , Glass , Oxide , Silicon Oxide

Material Notes:

Appearance: Solid clear amorphous silica microspheres with white color in powder form. Typical applications of GL0201 beads include: calibration, high temperature spacer material for gauge control, coating, filler for plastics, etc. Information provided by Mo-Sci Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-GL-0201-Silica-Glass-Spheres.php

Physical Properties	Metric	English	Comments
Density	2.20 g/cc	0.0795 lb/in ³	
pH	7.0	7.0	in water

Thermal Properties	Metric	English	Comments
CTE, linear	0.600 $\mu\text{m/m-}^{\circ}\text{C}$ @Temperature 30.0 - 300 $^{\circ}\text{C}$	0.333 $\mu\text{in/in-}^{\circ}\text{F}$ @Temperature 86.0 - 572 $^{\circ}\text{F}$	
Softening Point	1100 $^{\circ}\text{C}$	2010 $^{\circ}\text{F}$	

Optical Properties	Metric	English	Comments
Refractive Index	1.46	1.46	

Component Elements Properties	Metric	English	Comments
SiO ₂	99.5 - 99.9 %	99.5 - 99.9 %	

Descriptive Properties	Value	Comments
Chemical Composition	15-25 ppm	F203
	2-10 ppm	Na ₂ O
	40-60 ppm	AL ₂ O ₃

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