

Ferro EG 2738 Dental Glass

Category : Ceramic , Glass

Material Notes:

Glass Type: Ba-Al-B-Si Typical Application: Glass Filler Ferro's Dental Glasses are standard x-ray opaque glass powders and inorganic fillers for use in dental restorations. Ferro also manufactures custom formulations to meet specific customer requirements. All powders are manufactured to tight composition, physical properties, and particle size distribution while maintaining low levels of heavy metal (Fe, Pb) contamination. Information provided by Ferro Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ferro-EG-2738-Dental-Glass.php

Physical Properties	Metric	English	Comments
Density	2.74 g/cc	0.0990 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	4.50 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	2.50 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 25.0 - 260 $\text{Å}^\circ\text{C}$	@Temperature 77.0 - 500 $\text{Å}^\circ\text{F}$	
Softening Point	848 $\text{Å}^\circ\text{C}$	1560 $\text{Å}^\circ\text{F}$	

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	

Descriptive Properties	Value	Comments
Purity Levels	Copper < 20 ppm	
	Iron < 50 ppm	
	Lead < 50 ppm	

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