

Schott GM27884 Dental Glass

Category : Ceramic , Glass , Oxide , Silicon Oxide

Material Notes:

Remarks: Ba-containing, low refractive glass
Application: Composite
Advantages: Greater variety of composition and refractive indices
Outstanding transparency
Best radiopacities
Information Provided by SCHOTT North America, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-GM27884-Dental-Glass.php

Physical Properties	Metric	English	Comments
Density	2.80 g/cc	0.101 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	4.00 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$ @Temperature -30.0 - 70.0 $^\circ\text{C}$	2.22 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$ @Temperature -22.0 - 158 $^\circ\text{F}$	
Transformation Temperature, Tg	665 $^\circ\text{C}$	1230 $^\circ\text{F}$	ISO 7884-8

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	n_d

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	10 %	10 %	
B ₂ O ₃	10 %	10 %	
BaO	25 %	25 %	
SiO ₂	55 %	55 %	

Descriptive Properties	Value	Comments
Hydrolytic Resistance	Class 1	DIN ISO 719
Radiopacity (digital method)	560	ISO 4049
Radiopacity as thickness of aluminium equal to 2-mm thick glass material	4.2 (210%)	ISO 4049

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