

Mo-Sci Corporation GB-40-I Green B Filter Glass

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Applications: Lead-free NVIS Green B filter glass for incandescent sources. Information provided by Mo-Sci Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-GB-40-I-Green-B-Filter-Glass.php

Physical Properties	Metric	English	Comments
Density	3.10 g/cc	0.112 lb/in ³	
Thickness	1000 microns	39.4 mil	

Thermal Properties	Metric	English	Comments
CTE, linear	12.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	6.67 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
Transformation Temperature, Tg	415 $\text{Å}^\circ\text{C}$	779 $\text{Å}^\circ\text{F}$	
Softening Point	441 $\text{Å}^\circ\text{C}$	826 $\text{Å}^\circ\text{F}$	Dilatometric

Optical Properties	Metric	English	Comments
Refractive Index	1.58	1.58	
Transmission, Visible	14.8 %	14.8 %	Photopic, Source 2100 K
UV Transmittance	0.00 %	0.00 %	
	@Wavelength 380 nm	@Wavelength 380 nm	
	0.010 %	0.010 %	
	@Wavelength 440 nm	@Wavelength 440 nm	
	0.050 %	0.050 %	
	@Wavelength 480 nm	@Wavelength 480 nm	
	0.10 %	0.10 %	
	@Wavelength 580 nm	@Wavelength 580 nm	
	0.40 %	0.40 %	
	@Wavelength 535 nm	@Wavelength 535 nm	

Descriptive Properties	Value	Comments
Chromaticity, CIE 1976	0.12	u', Source 2100 K

0.57 v', Source 2100 K

Descriptive Properties	Value	Comments
NVIs radiance	1.3E-10	NR(a), MIL-STD-3009@0.1 fL Luminance, Source 2100 K
	2.3E-11	NR(b), MIL-STD-3009@0.1 fL Luminance, Source 2100 K
Tolerance Radius	0.01	r', Source 2100 K

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