

Mo-Sci Corporation B-40-N Blue Filter Glass

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Applications: Lead-free NVIS blue filter glass for Nichia White LED sources.Information provided by Mo-Sci Corporation.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-B-40-N-Blue-Filter-Glass.php

Physical Properties	Metric	English	Comments
Density	3.40 g/cc	0.123 lb/in³	
Thickness	1000 microns	39.4 mil	

Thermal Properties	Metric	English	Comments
CTE, linear	12.0 µm/m-°C	6.67 µin/in-°F	
Transformation Temperature, Tg	403 °C	757 °F	
Softening Point	435 °C	815 °F	Dilatometric

Optical Properties	Metric	English	Comments
Refractive Index	1.59	1.59	
Transmission, Visible	30.4 %	30.4 %	Photopic, Source NSCW100
	31.3 %	31.3 %	Photopic, Source NSCW455
UV Transmittance	0.070 %	0.070 %	
	@Wavelength 380 nm	@Wavelength 380 nm	
	0.070 %	0.070 %	
	@Wavelength 580 nm	@Wavelength 580 nm	
	0.60 %	0.60 %	
	@Wavelength 520 nm	@Wavelength 520 nm	
	0.60 %	0.60 %	
	@Wavelength 500 nm	@Wavelength 500 nm	
	0.61 %	0.61 %	
	@Wavelength 510 nm	@Wavelength 510 nm	

Descriptive Properties	Value	Comments
Chromaticity, CIE 1976	0.15	u', Source NSCW455

Descriptive Properties	Value	Comments
	0.16	u', Source NSCW100
	0.22	v', Source NSCW100
	0.23	v', Source NSCW455
NVIS Radiance	4.4E-12	NR(b), MIL-STD-3009@0.1 fL Luminance, Source NSCW455
	4.5E-12	NR(b), MIL-STD-3009@0.1 fL Luminance,, Source NSCW100
	5.7E-11	NR(a), MIL-STD-3009@0.1 fL Luminance, Source NSCW455
	5.9E-11	NR(a), MIL-STD-3009@0.1 fL Luminance, Source NSCW100
Tolerance Radius	0.01	r', Source NSCW007
	0.01	r', Source NSCW100
	0.01	r', Source NSCW455

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