

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

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Applications: Lead-free NVIS blue filter glass for incandescent light source. Information provided by Mo-Sci Corporation.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	3.40 g/cc	0.123 lb/in ³	
Thickness	1000 microns	39.4 mil	

Thermal Properties	Metric	English	Comments
CTE, linear	11.0 Åµm/m-Å°C	6.11 Åµin/in-Å°F	
Transformation Temperature, Tg	407 Å°C	765 Å°F	
Softening Point	435 Å°C	815 Å°F	Dilatometric

Optical Properties	Metric	English	Comments
Refractive Index	1.60	1.60	
Transmission, Visible	2.2 %	2.2 %	Photopic, Source 2100 K
UV Transmittance	0.00 %	0.00 %	
	@Wavelength 580 nm	@Wavelength 580 nm	
	0.025 %	0.025 %	
	@Wavelength 380 nm	@Wavelength 380 nm	
	0.16 %	0.16 %	
	@Wavelength 480 nm	@Wavelength 480 nm	
	0.26 %	0.26 %	
	@Wavelength 440 nm	@Wavelength 440 nm	

Descriptive Properties	Value	Comments
Chromaticity, CIE 1976	0.11	u', Source 2100 K
	0.41	v', Source 2100 K
NVIS Radiance	1.7E-11	NR(b), MIL-STD-3009@0.1 fL Luminance, Source 2100 K

Descriptive Properties	9.7E-11 Value	NR(a) MIL-STD-3009@0.1 fL Luminance, Source 2100 K Comments
Tolerance Radius	0.01	r', Source 2100 K

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