

Mo-Sci Corporation YB-40-N Yellow B Filter Glass

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Applications: Lead-free NVIS Yellow class B filter glass for white LED sources. Information provided by Mo-Sci Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-YB-40-N-Yellow-B-Filter-Glass.php

Physical Properties	Metric	English	Comments
Density	3.20 g/cc	0.116 lb/in ³	
Thickness	1000 microns	39.4 mil	

Thermal Properties	Metric	English	Comments
CTE, linear	11.0 µm/m-°C	6.11 µin/in-°F	
Transformation Temperature, Tg	449 °C	840 °F	
Softening Point	500 °C	932 °F	Dilatometric

Optical Properties	Metric	English	Comments
Refractive Index	1.58	1.58	
Transmission, Visible	10 %	10 %	Photopic, Source 2100 K
UV Transmittance	0.00 %	0.00 %	
	@Wavelength 500 nm	@Wavelength 500 nm	
	0.00 %	0.00 %	
	@Wavelength 660 nm	@Wavelength 660 nm	
	0.20 %	0.20 %	
	@Wavelength 580 nm	@Wavelength 580 nm	

Descriptive Properties	Value	Comments
Chromaticity, CIE 1976	0.25	u', Source 2100 K
	0.56	v', Source 2100 K
NVIS Radiance	1E-07	NR(b), MIL-STD-3009@0.1 fL Luminance, Source 2100 K
Tolerance Radius	0.01	r', Source 2100 K

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