

## Mo-Sci Corporation YB-40-I Yellow B Filter Glass

Category : Ceramic , Glass , Optical , Filter

### Material Notes:

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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mo-Sci-Corporation-YB-40-I-Yellow-B-Filter-Glass.php](http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-YB-40-I-Yellow-B-Filter-Glass.php)

Physical Properties	Metric	English	Comments
Density	3.20 g/cc	0.116 lb/in <sup>3</sup>	
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	447 °C	837 °F	
Softening Point	471 °C	880 °F	Dilatometric

Optical Properties	Metric	English	Comments
Refractive Index	1.58	1.58	
Transmission, Visible	17.9 %	17.9 %	Photopic, Source 2100 K
UV Transmittance	0.00 %	0.00 %	
	@Wavelength 440 nm	@Wavelength 440 nm	
	0.010 %	0.010 %	
	@Wavelength 480 nm	@Wavelength 480 nm	
	0.010 %	0.010 %	
	@Wavelength 640 nm	@Wavelength 640 nm	
	0.010 %	0.010 %	
	@Wavelength 380 nm	@Wavelength 380 nm	
	0.33 %	0.33 %	
	@Wavelength 540 nm	@Wavelength 540 nm	

Descriptive Properties	Value	Comments
Chromaticity, CIE 1976	0.23	u', Source 2100 K
	0.56	v', Source 2100 K

Descriptive Properties	Value	Comments
NVIs radiance	1.2E-07	NR(0), MIL-STD-3009@0.1 ft. Luminance, Source 2100 K
Tolerance Radius	0.01	r', Source 2100 K

## Contact Songhan Plastic Technology Co.,Ltd.

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