

## Mo-Sci Corporation GA-40-I Green A Filter Glass

Category : Ceramic , Glass , Optical , Filter

### Material Notes:

Applications: Lead-free NVIS Green A 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-GA-40-I-Green-A-Filter-Glass.php](http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-GA-40-I-Green-A-Filter-Glass.php)

Physical Properties	Metric	English	Comments
Density	3.10 g/cc	0.112 lb/in <sup>3</sup>	
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	18 %	18 %	Photopic, Source 2100 K
UV Transmittance	0.060 %	0.060 %	
	@Wavelength 380 nm	@Wavelength 380 nm	
	0.060 %	0.060 %	
	@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	0.1	u', Source 2100 K

0.53 v', Source 2100 K

Descriptive Properties	Value	Comments
NVIs radiance	4.7E-12	NR(a), MIL-STD-3009@0.1 fL Luminance, Source 2100 K
	6.5E-11	NR(a), MIL-STD-3009@0.1 fL Luminance, Source 2100 K
Tolerance Radius	0.01	r', Source 2100 K

## Contact Songhan Plastic Technology Co.,Ltd.

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