

Mo-Sci Corporation GAI-40-I Green A Intruder Filter Glass

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Applications: Lead-free NVIS Green A Intruder 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-GAI-40-I-Green-A-Intruder-Filter-Glass.php

Physical Properties	Metric	English	Comments
Density	3.10 g/cc	0.112 lb/inÂ³	
Thickness	1000 microns	39.4 mil	

Thermal Properties	Metric	English	Comments
CTE, linear	12.0 Âµm/m-Â°C	6.67 Âµin/in-Â°F	
Transformation Temperature, Tg	418 Â°C	784 Â°F	
Softening Point	441 Â°C	826 Â°F	Dilatometric

Optical Properties	Metric	English	Comments
Refractive Index	1.60	1.60	
Transmission, Visible	15.7 %	15.7 %	Photopic, Source 2100 K
UV Transmittance	0.020 %	0.020 %	
	@Wavelength 380 nm	@Wavelength 380 nm	
	0.050 %	0.050 %	
	@Wavelength 580 nm	@Wavelength 580 nm	
	0.090 %	0.090 %	
	@Wavelength 400 nm	@Wavelength 400 nm	
	0.090 %	0.090 %	
	@Wavelength 420 nm	@Wavelength 420 nm	
	0.32 %	0.32 %	
	@Wavelength 480 nm	@Wavelength 480 nm	
	0.50 %	0.50 %	
	@Wavelength 520 nm	@Wavelength 520 nm	

Descriptive Properties	Value	Comments
Chromaticity, CIE 1976	0.1	u', Source 2100 K
	0.55	v', Source 2100 K
NVIS Radiance	4.4E-12	NR(b), 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

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