

Mo-Sci Corporation GA-80-N Green Filter Glass

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Applications: Lead-free NVIS green filter glass for Nichia White LED sources.Information provided by Mo-Sci Corporation.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Mo-Sci-Corporation-GA-80-N-Green-Filter-Glass.php

Physical Properties	Metric	English	Comments
Density	3.10 g/cc	0.112 lb/in³	
Thickness	2000 microns	78.7 mil	

Thermal Properties	Metric	English	Comments
CTE, linear	12.0 µm/m-°C	6.67 µin/in-°F	
Transformation Temperature, Tg	399 °C	750 °F	
Softening Point	429 °C	804 °F	Dilatometric

Optical Properties	Metric	English	Comments
Refractive Index	1.58	1.58	
Transmission, Visible	22.1 %	22.1 %	Photopic, Source NSCW100
	22.7 %	22.7 %	Photopic, Source NSCW455
UV Transmittance	0.00 %	0.00 %	
	@Wavelength 430 nm	@Wavelength 430 nm	
	0.10 %	0.10 %	
	@Wavelength 580 nm	@Wavelength 580 nm	
	0.20 %	0.20 %	
	@Wavelength 480 nm	@Wavelength 480 nm	
	0.20 %	0.20 %	
	@Wavelength 380 nm	@Wavelength 380 nm	
	0.45 %	0.45 %	
	@Wavelength 530 nm	@Wavelength 530 nm	

Descriptive Properties	Value	Comments
Chromaticity, CIE 1976	0.1	u', Source NSCW100

Descriptive Properties	Value	Comments
	0.15	n', Source NSCW455
	0.53	v', Source NSCW455
	0.53	v', Source NSCW100
NVIS Radiance	4.3E-12	NR(b), MIL-STD-3009@0.1 fL Luminance,, Source NSCW100
	4.3E-12	NR(b), MIL-STD-3009@0.1 fL Luminance, Source NSCW455
	5.8E-11	NR(a), MIL-STD-3009@0.1 fL Luminance, Source NSCW455
	6E-11	NR(a), MIL-STD-3009@0.1 fL Luminance, Source NSCW100
Tolerance Radius	0.01	r', Source NSCW007
	0.01	r', Source NSCW100
	0.01	r', Source NSCW455

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