Schott GG385 Long Pass Filter

Category : Ceramic , Glass , Filter , Optical

Material Notes:

Ionically colored glass. Data provided by the manufacturer, Schott Glas Mainz.Similar glasses include GG395, GG400, GG420, GG435, GG455, GG475, GG495, OG515, OG530, OG550, OG570, OG590, RG610, RG630, RG645, RG665, RG695, RG715, RG780, RG830, RG850, RG1000, WG225, WG280, WG295, WG305, WG320

Order this product through the following link:
http://www.lookpolymers.com/polymer_Schott-GG385-Long-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	3.22 g/cc	0.116 lb/inÂ³	

Thermal Properties	Metric	English	Comments
CTE, linear	8.20 Âµm/m-Â°C @Temperature -30.0 - 70.0 Â°C	4.56 Âµin/in-Â°F @Temperature -22.0 - 158 Â°F	
	9.60 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C	5.33 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F	
Transformation Temperature, Tg	459 Â°C	858 Â°F	
Glass Temperature Coefficient	0.060	0.060	

Optical Properties	Metric	English	Comments
Refractive Index	1.56 @Wavelength 1014 nm	1.56 @Wavelength 1014 nm	Hg
	1.58 @Wavelength 587.6 nm	1.58 @Wavelength 587.6 nm	He
	1.60 @Wavelength 404.7 nm	1.60 @Wavelength 404.7 nm	Hg
Transmission, Visible	70 % @Wavelength 400 nm	70 % @Wavelength 400 nm	
	90 % @Wavelength 550 - 700 nm	90 % @Wavelength 550 - 700 nm	Internal transmittance of 99% at 570-700 nm
	91 %	91 %	

Optical Properties	Metric	English	Comments
IR Transmittance	@Wavelength 750 - 1900 nm	@Wavelength 750 - 1900 nm	Internal transmittance of 100% at 750-1900 nm.
UV Transmittance	<= 0.30 % @Wavelength 200 - 360 nm	<= 0.30 % @Wavelength 200 - 360 nm	
	55 % @Wavelength 390 nm	55 % @Wavelength 390 nm	Internal transmittance of 61% at 390 nm
Reflection Coefficient, Visible (0-1)	0.92	0.92	

Chemical Properties	Metric	English	Comments
Acid Class, SR	1	1	
Alkali Class, AR	1	1	
Stain Resistance Class, FR	0.0	0.0	

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