

Schott GG395 Long Pass Filter

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Ionically colored glass. Data provided by the manufacturer, Schott Glas Mainz. Similar glasses include GG385, 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-GG395-Long-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	3.61 g/cc	0.130 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	9.10 $\mu\text{m}/\text{m}\cdot\text{°C}$	5.06 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature -30.0 - 70.0 °C	@Temperature -22.0 - 158 °F	
	10.6 $\mu\text{m}/\text{m}\cdot\text{°C}$	5.89 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 - 300 °C	@Temperature 68.0 - 572 °F	
Transformation Temperature, Tg	438 °C	820 °F	
Glass Temperature Coefficient	0.060	0.060	

Optical Properties	Metric	English	Comments
Refractive Index	1.60	1.60	Hg
	@Wavelength 1014 nm	@Wavelength 1014 nm	
	1.62	1.62	He
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	
Transmission, Visible	1.65	1.65	Hg
	@Wavelength 404.7 nm	@Wavelength 404.7 nm	
	54 %	54 %	
	@Wavelength 400 nm	@Wavelength 400 nm	
	89 %	89 %	Internal transmittance of 99% from 560-700 nm
	@Wavelength 560 - 700 nm	@Wavelength 560 - 700 nm	
	90 %	90 %	

Optical Properties	Metric	English	Comments
IR Transmittance	@Wavelength 720 - 1900 nm	@Wavelength 720 - 1900 nm	Internal transmittance of 100% from 720 - 1900 nm.
UV Transmittance	<= 0.0010 % @Wavelength 200 - 350 nm	<= 0.0010 % @Wavelength 200 - 350 nm	
	36 % @Wavelength 390 nm	36 % @Wavelength 390 nm	Internal transmittance of 40% at 390 nm
Reflection Coefficient, Visible (0-1)	0.90	0.90	

Chemical Properties	Metric	English	Comments
Acid Class, SR	1	1	
Alkali Class, AR	2.3	2.3	
Stain Resistance Class, FR	0.0	0.0	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China