

Schott GG400 Long Pass Filter

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Colloidally colored glass. Data provided by the manufacturer, Schott Glas Mainz. Similar glasses include GG395, GG385, 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-GG400-Long-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	2.75 g/cc	0.0994 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	7.70 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	4.28 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature -30.0 - 70.0 $^\circ\text{C}$	@Temperature -22.0 - 158 $^\circ\text{F}$	
	8.80 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	4.89 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 - 300 $^\circ\text{C}$	@Temperature 68.0 - 572 $^\circ\text{F}$	
Transformation Temperature, Tg	595 $^\circ\text{C}$	1100 $^\circ\text{F}$	
Glass Temperature Coefficient	0.070	0.070	

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	Hg
	@Wavelength 1014 nm	@Wavelength 1014 nm	
	1.54	1.54	He
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	
	1.56	1.56	Hg
	@Wavelength 435.8 nm	@Wavelength 435.8 nm	
Transmission, Visible	45 %	45 %	
	@Wavelength 400 nm	@Wavelength 400 nm	
	91 %	91 %	Internal transmittance of 100%from 680-700 nm
	@Wavelength 680 - 700 nm	@Wavelength 680 - 700 nm	
	91 %	91 %	

Optical Properties	Metric	English	Comments
	@Wavelength 720 - 1600 nm	@Wavelength 720 - 1600 nm	Internal transmittance of 100% from 720 - 1600 nm.
UV Transmittance	<= 0.0010 %	<= 0.0010 %	
	@Wavelength 200 - 380 nm	@Wavelength 200 - 380 nm	
	8.0 %	8.0 %	Internal transmittance of 9% at 390 nm
	@Wavelength 390 nm	@Wavelength 390 nm	
Reflection Coefficient, Visible (0-1)	0.91	0.91	

Chemical Properties	Metric	English	Comments
Acid Class, SR	2	2	
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