

Schott KG1 Short Pass Filter

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Ionically colored glass. Data provided by the manufacturer, Schott Glas Mainz. Similar glasses include KG2, KG3, KG4, KG5

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-KG1-Short-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	2.53 g/cc	0.0914 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	5.30 Åµm/m-Å°C	2.94 Åµin/in-Å°F	
	@Temperature -30.0 - 70.0 Å°C	@Temperature -22.0 - 158 Å°F	
	6.10 Åµm/m-Å°C	3.39 Åµin/in-Å°F	
	@Temperature 20.0 - 300 Å°C	@Temperature 68.0 - 572 Å°F	
Transformation Temperature, Tg	599 Å°C	1110 Å°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	Hg
	@Wavelength 365 nm	@Wavelength 365 nm	
	1.53	1.53	Hg
	@Wavelength 365 nm	@Wavelength 365 nm	
Transmission, Visible	61 %	61 %	
	@Wavelength 700 nm	@Wavelength 700 nm	
	87 %	87 %	Internal transmittance of 94-95% from 480-580 nm.
	@Wavelength 500 - 510 nm	@Wavelength 500 - 510 nm	
	87 %	87 %	Internal transmittance of 94-95% from 480-580 nm.
	@Wavelength 550 - 570 nm	@Wavelength 550 - 570 nm	
IR Transmittance	58 %	58 %	Internal transmittance of 63% at 710 nm.
	@Wavelength 710 nm	@Wavelength 710 nm	
	<= 0.020 %	<= 0.020 %	

UV Transmittance Optical Properties	Metric @Wavelength 200 - 270 nm	English @Wavelength 200 - 270 nm	Comments
	87 %	87 %	Internal transmittance of 95% from 380-390 nm
	@Wavelength 370 - 390 nm	@Wavelength 370 - 390 nm	
Reflection Coefficient, Visible (0-1)	0.92	0.92	

Chemical Properties	Metric	English	Comments
Acid Class, SR	2	2	
Alkali Class, AR	3	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