

Schott BG26 Band Pass Filter

Category : Ceramic , Glass , Optical , Filter

Material Notes:

Ionically colored glass. Data provided by the manufacturer, Schott Glas Mainz.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-BG26-Band-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	2.56 g/cc	0.0925 lb/in³	

Thermal Properties	Metric	English	Comments
CTE, linear	8.80 µm/m-°C	4.89 µin/in-°F	
	@Temperature -30.0 - 70.0 °C	@Temperature -22.0 - 158 °F	
	10.3 µm/m-°C	5.72 µin/in-°F	
	@Temperature 20.0 - 300 °C	@Temperature 68.0 - 572 °F	
Transformation Temperature, Tg	494 °C	921 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.50	1.50	Hg
	@Wavelength 1014 nm	@Wavelength 1014 nm	
	1.51	1.51	He
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	
	1.53	1.53	Hg
	@Wavelength 404.7 nm	@Wavelength 404.7 nm	
Transmission, Visible	60 %	60 %	
	@Wavelength 690 nm	@Wavelength 690 nm	
	92 %	92 %	Internal transmittance of 100% from 400-500 nm
	@Wavelength 400 - 500 nm	@Wavelength 400 - 500 nm	
IR Transmittance	90 %	90 %	Internal transmittance of 98% from 2000-2100 nm.
	@Wavelength 2000 - 2100 nm	@Wavelength 2000 - 2100 nm	
	<= 0.040 %	<= 0.040 %	

UV Transmittance Optical Properties	Metric @Wavelength 200 - 280 nm	English @Wavelength 200 - 280 nm	Comments
	92 %	92 %	Internal transmittance of 100% from 380-390 nm
	@Wavelength 380 - 390 nm	@Wavelength 380 - 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	

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