

Schott VG9 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-VG9-Band-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	2.87 g/cc	0.104 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	9.20 Åµm/m-Å°C	5.11 Åµin/in-Å°F	
	@Temperature -30.0 - 70.0 Å°C	@Temperature -22.0 - 158 Å°F	
	10.6 Åµm/m-Å°C	5.89 Åµin/in-Å°F	
	@Temperature 20.0 - 300 Å°C	@Temperature 68.0 - 572 Å°F	
Transformation Temperature, Tg	470 Å°C	878 Å°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.55	1.55	He
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	
	1.56	1.56	Cd
	@Wavelength 480 nm	@Wavelength 480 nm	
Transmission, Visible	<= 1.0 %	<= 1.0 %	
	@Wavelength 400 - 440 nm	@Wavelength 400 - 440 nm	
	64 %	64 %	Internal transmittance of 70% from 520-530 nm
	@Wavelength 520 - 530 nm	@Wavelength 520 - 530 nm	
IR Transmittance	81 %	81 %	Internal transmittance of 89% from at 2600 nm.
	@Wavelength 2600 nm	@Wavelength 2600 nm	
UV Transmittance	<= 0.0010 %	<= 0.0010 %	Internal transmittance of 0.001% from 200-390 nm.
	@Wavelength 200 - 390 nm	@Wavelength 200 - 390 nm	
Reflection Coefficient, Visible (0-1)	0.91	0.91	

Optical Properties	Metric	English	Comments
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