Schott VG14 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-VG14-Band-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	2.89 g/cc	0.104 lb/inÂ³	

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

Optical Properties	Metric	English	Comments
Refractive Index	1.56 @Wavelength 587.6 nm	1.56 @Wavelength 587.6 nm	He
Transmission, Visible	<= 1.0 % @Wavelength 640 - 700 nm	<= 1.0 % @Wavelength 640 - 700 nm	
	45 % @Wavelength 520 nm	45 % @Wavelength 520 nm	Internal transmittance of 49% at 520-530 nm
IR Transmittance	78 % @Wavelength 2500 - 2600 nm	78 % @Wavelength 2500 - 2600 nm	Internal transmittance of 86% from 2500-2600 nm.
UV Transmittance	<= 0.0010 % @Wavelength 200 - 390 nm	<= 0.0010 % @Wavelength 200 - 390 nm	Internal transmittance of 0.001% from 200-390 nm.
Reflection Coefficient, Visible (0-1)	0.91	0.91	

Chemical Properties	Metric	English	Comments

Chemical Properties	Metric	English	Comments
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