Schott GG475 Long Pass Filter

Category : Ceramic , Glass , Filter , Optical

Material Notes:

Colloidally colored glass. Data provided by the manufacturer, Schott Glas Mainz.Similar glasses include GG395, GG400, GG420, GG435, GG455, GG385, 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-GG475-Long-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	2.75 g/cc	0.0994 lb/inÂ³	

Thermal Properties	Metric	English	Comments
CTE, linear	9.50 Âµm/m-Â°C @Temperature -30.0 - 70.0 Â°C	5.28 Âµin/in-Â°F @Temperature -22.0 - 158 Â°F	
	10.5 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C	5.83 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F	
Transformation Temperature, Tg	594 Â°C	1100 Â°F	
Glass Temperature Coefficient	0.070	0.070	

Optical Properties	Metric	English	Comments
Refractive Index	1.53 @Wavelength 852.1 nm	1.53 @Wavelength 852.1 nm	Cs
	1.53 @Wavelength 1014 nm	1.53 @Wavelength 1014 nm	Hg
	1.54 @Wavelength 578.6 nm	1.54 @Wavelength 578.6 nm	He
Transmission, Visible	<= 0.0090 % @Wavelength 400 - 460 nm	<= 0.0090 % @Wavelength 400 - 460 nm	
	91 % @Wavelength 530 - 700 nm	91 % @Wavelength 530 - 700 nm	Internal transmittance of 100% Â from 530-700 nm

Optical Properties	Metric	English	Comments
IR Transmittance	91 % @Wavelength 700 - 1800 nm	91 % @Wavelength 700 - 1800 nm	Internal transmittance of 100% from 700-1800 nm.
UV Transmittance	0.0010 % @Wavelength 200 - 400 nm	0.0010 % @Wavelength 200 - 400 nm	Internal transmittance of 0.001% or less from 200-400 nm.
Reflection Coefficient, Visible (0-1)	0.91	0.91	

Chemical Properties	Metric	English	Comments
Acid Class, SR	4.4	4.4	
Alkali Class, AR	1	1	
Stain Resistance Class, FR	3	3	

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