

Schott GG455 Long Pass Filter

Category : Ceramic , Glass , Optical , Filter

Material Notes:

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

Physical Properties	Metric	English	Comments
Density	2.76 g/cc	0.0997 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	9.60 Åµm/m-Å°C	5.33 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	600 Å°C	1110 Å°F	
Glass Temperature Coefficient	0.070	0.070	

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	Hg
	@Wavelength 1014 nm	@Wavelength 1014 nm	
	1.54	1.54	He
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	
	1.55	1.55	Cd
	@Wavelength 480 nm	@Wavelength 480 nm	
Transmission, Visible	<= 0.0050 %	<= 0.0050 %	
	@Wavelength 400 - 440 nm	@Wavelength 400 - 440 nm	
	88 - 90 %	88 - 90 %	Internal transmittance of 98-99% from 500-700 nm
	@Wavelength 500 - 700 nm	@Wavelength 500 - 700 nm	

Optical Properties	Metric	English	Comments
In Transmittance	@Wavelength 730 - 1600 nm	@Wavelength 730 - 1600 nm	Transmittance of 100% A from 730-1600 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