

Schott NG1 Neutral Density Filter

Category : Ceramic , Glass , Filter , Optical

Material Notes:

Ionically colored glass. Data provided by the manufacturer, Schott Glas Mainz..Similar glasses include NG3, NG4, NG5, NG9, NG10, NG11, NG 12

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-NG1-Neutral-Density-Filter.php

Physical Properties	Metric	English	Comments
Density	2.49 g/cc	0.0900 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	6.60 Åµm/m-Â°C	3.67 Åµin/in-Â°F	
	@Temperature -30.0 - 70.0 Â°C	@Temperature -22.0 - 158 Â°F	
	7.20 Åµm/m-Â°C	4.00 Åµin/in-Â°F	
	@Temperature 20.0 - 300 Â°C	@Temperature 68.0 - 572 Â°F	
Transformation Temperature, Tg	466 Â°C	871 Â°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.52	1.52	He
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	
IR Transmittance	31 %	31 %	Internal transmittance of 34% at 2800 nm.
	@Wavelength 2800 nm	@Wavelength 2800 nm	
UV Transmittance	<= 0.0020 %	<= 0.0020 %	Internal transmittance of 0.001% from 200-390 nm.
	@Wavelength 200 - 390 nm	@Wavelength 200 - 390 nm	
	<= 0.090 %	<= 0.090 %	Internal transmittance of 0.001% from 200-390 nm.
	@Wavelength 200 - 390 nm	@Wavelength 200 - 390 nm	
Reflection Coefficient, Visible (0-1)	0.92	0.92	

Chemical Properties	Metric	English	Comments
Acid Class, SR	2.2	2.2	

Alkali Class AP Chemical Properties	Metric	English	Comments
Stain Resistance Class, FR	1	1	

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