

Schott NG5 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, NG1, NG9, NG10, NG11, NG 12

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-NG5-Neutral-Density-Filter.php

Physical Properties	Metric	English	Comments
Density	2.43 g/cc	0.0878 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	6.60 $\mu\text{m/m-}^{\circ}\text{C}$	3.67 $\mu\text{in/in-}^{\circ}\text{F}$	
	@Temperature -30.0 - 70.0 $^{\circ}\text{C}$	@Temperature -22.0 - 158 $^{\circ}\text{F}$	
	7.30 $\mu\text{m/m-}^{\circ}\text{C}$	4.06 $\mu\text{in/in-}^{\circ}\text{F}$	
	@Temperature 20.0 - 300 $^{\circ}\text{C}$	@Temperature 68.0 - 572 $^{\circ}\text{F}$	
Transformation Temperature, Tg	474 $^{\circ}\text{C}$	885 $^{\circ}\text{F}$	

Optical Properties	Metric	English	Comments
Refractive Index	1.50	1.50	He
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	
Transmission, Visible	51 - 55 %	51 - 55 %	Internal transmittance of 55-60% from 400-700 nm.
	@Wavelength 400 - 700 nm	@Wavelength 400 - 700 nm	
IR Transmittance	64 %	64 %	Internal transmittance of 70% at 2500-2600 nm.
	@Wavelength 2500 - 2600 nm	@Wavelength 2500 - 2600 nm	
UV Transmittance	<= 1.0 %	<= 1.0 %	
	@Wavelength 200 - 330 nm	@Wavelength 200 - 330 nm	
	46 %	46 %	Internal transmittance of 50% at 390 nm
	@Wavelength 390 nm	@Wavelength 390 nm	
Reflection Coefficient, Visible (0-1)	0.92	0.92	

Chemical Properties	Metric	English	Comments
Acid Class, SR	3.2	3.2	
Alkali Class, AR	2	2	
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