Schott WG305 Long Pass Filter

Category : Ceramic , Glass , Filter , Optical

Material Notes:

Base glass. Data provided by the manufacturer, Schott Glas Mainz.Similar glasses include GG395, GG400, GG420, GG435, GG455, GG475, GG495, OG515, OG530, OG550, OG570, OG590, RG610, RG630, RG645, RG665, RG695, RG715, RG780, RG830, RG850, RG1000, WG225, WG280, WG295, GG385, WG320

Order this product through the following link:
http://www.lookpolymers.com/polymer_Schott-WG305-Long-Pass-Filter.php

Physical Properties	Metric	English	Comments
Density	2.59 g/cc	0.0936 lb/inÂ³	

Thermal Properties	Metric	English	Comments
CTE, linear	7.00 Âµm/m-Â°C @Temperature -30.0 - 70.0 Â°C	3.89 Âµin/in-Â°F @Temperature -22.0 - 158 Â°F	
	8.30 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C	4.61 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F	
Transformation Temperature, Tg	546 Â°C	1010 Â°F	
Glass Temperature Coefficient	0.040	0.040	

Optical Properties	Metric	English	Comments
Refractive Index	1.46 @Wavelength 1014 nm	1.46 @Wavelength 1014 nm	He
	1.47 @Wavelength 587.6 nm	1.47 @Wavelength 587.6 nm	He
	1.49 @Wavelength 365 nm	1.49 @Wavelength 365 nm	Hg
	1.52 @Wavelength 253.7 nm	1.52 @Wavelength 253.7 nm	Hg
Transmission, Visible	92 % @Wavelength 400 - 700 nm	92 % @Wavelength 400 - 700 nm	Internal transmittance of 100% Â from 400-700 nm.
	92 %	92 %	

Optical Properties	Metric	English	Comments
IR Transmittance	@Wavelength 700 - 1700 nm	@Wavelength 700 - 1700 nm	Internal transmittance of 100% Â from 700-1700 nm.
UV Transmittance	92 % @Wavelength 370 - 390 nm	92 % @Wavelength 370 - 390 nm	Internal transmittance of 100% Â from 370-390 nm.
Reflection Coefficient, Visible (0-1)	0.92	0.92	

Chemical Properties	Metric	English	Comments
Acid Class, SR	1	1	
Alkali Class, AR	2	2	
Stain Resistance Class, FR	0.0	0.0	

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