

Schott OG570 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, GG475, GG495, OG515, OG530, OG550, GG385, 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-OG570-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 | 9.70 Åµm/m-Å°C | 5.39 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 | 596 Å°C | 1100 Å°F | |
| Glass Temperature Coefficient | 0.12 | 0.12 | |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------------------------|--------------------------|--|
| Refractive Index | 1.53 | 1.53 | Cs |
| | @Wavelength 852.1 nm | @Wavelength 852.1 nm | |
| | 1.53 | 1.53 | Hg |
| | @Wavelength 1014 nm | @Wavelength 1014 nm | |
| | 1.54 | 1.54 | He |
| | @Wavelength 578.6 nm | @Wavelength 578.6 nm | |
| Transmission, Visible | <= 5.0 % | <= 5.0 % | |
| | @Wavelength 400 - 560 nm | @Wavelength 400 - 560 nm | |
| | 91 % | 91 % | Internal transmittance of 100% Å from 620-700 nm |
| | @Wavelength 620 - 700 nm | @Wavelength 620 - 700 nm | |

| Optical Properties | Metric | English | Comments |
|---------------------------------------|--------------------------------------|--------------------------------------|---|
| In Transmittance | @Wavelength 700 - 1800 nm | @Wavelength 700 - 1800 nm | Transmittance of 100% A 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