

Schott S8808 Contrast Enhancement Filter

Category : Ceramic , Glass , Filter

Material Notes:

Contrast Enhancement Filter Information Provided by SCHOTT North America, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-S8808-Contrast-Enhancement-Filter.php

Physical Properties	Metric	English	Comments
Density	2.91 g/cc	0.105 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	13.3 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	7.39 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 - 300 $\text{Å}^\circ\text{C}$	@Temperature 68.0 - 572 $\text{Å}^\circ\text{F}$	
Transformation Temperature, Tg	476 $\text{Å}^\circ\text{C}$	889 $\text{Å}^\circ\text{F}$	
Softening Point	607 $\text{Å}^\circ\text{C}$	1120 $\text{Å}^\circ\text{F}$	
Working Point	760 $\text{Å}^\circ\text{C}$	1400 $\text{Å}^\circ\text{F}$	
Annealing Point	480 $\text{Å}^\circ\text{C}$	896 $\text{Å}^\circ\text{F}$	
Strain Point	455 $\text{Å}^\circ\text{C}$	851 $\text{Å}^\circ\text{F}$	

Optical Properties	Metric	English	Comments
Refractive Index	1.569	1.569	n _d , Sodium
Transmission, Visible	1.5 %	1.5 %	
	@Wavelength 580 nm	@Wavelength 580 nm	
	28.6 %	28.6 %	
	@Wavelength 445 nm	@Wavelength 445 nm	
	31.5 %	31.5 %	
@Wavelength 620 nm	@Wavelength 620 nm		
33.5 %	33.5 %		
@Wavelength 555 nm	@Wavelength 555 nm		

Descriptive Properties	Value	Comments
Color	Blue-gray	

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