

## Schott S8806A 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-S8806A-Contrast-Enhancement-Filter.php](http://www.lookpolymers.com/polymer_Schott-S8806A-Contrast-Enhancement-Filter.php)

Physical Properties	Metric	English	Comments
Density	3.50 g/cc	0.126 lb/in <sup>3</sup>	

Thermal Properties	Metric	English	Comments
CTE, linear	7.20 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	4.00 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	
	@Temperature 20.0 - 300 $\text{Å}^\circ\text{C}$	@Temperature 68.0 - 572 $\text{Å}^\circ\text{F}$	
Transformation Temperature, Tg	645 $\text{Å}^\circ\text{C}$	1190 $\text{Å}^\circ\text{F}$	
Softening Point	734 $\text{Å}^\circ\text{C}$	1350 $\text{Å}^\circ\text{F}$	
Working Point	804 $\text{Å}^\circ\text{C}$	1480 $\text{Å}^\circ\text{F}$	
Annealing Point	651 $\text{Å}^\circ\text{C}$	1200 $\text{Å}^\circ\text{F}$	
Strain Point	635 $\text{Å}^\circ\text{C}$	1180 $\text{Å}^\circ\text{F}$	

Optical Properties	Metric	English	Comments
Refractive Index	1.688	1.688	$n_{\text{D}}$ , Sodium
Transmission, Visible	0.40 %	0.40 %	
	@Wavelength 580 nm	@Wavelength 580 nm	
	62 %	62 %	
	@Wavelength 445 nm	@Wavelength 445 nm	
	67 %	67 %	
@Wavelength 550 nm	@Wavelength 550 nm		
82.3 %	82.3 %		
@Wavelength 618 nm	@Wavelength 618 nm		

Descriptive Properties	Value	Comments
Color	Violet	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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