

## Schott S8801 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-S8801-Contrast-Enhancement-Filter.php](http://www.lookpolymers.com/polymer_Schott-S8801-Contrast-Enhancement-Filter.php)

| Physical Properties | Metric    | English                   | Comments |
|---------------------|-----------|---------------------------|----------|
| Density             | 2.64 g/cc | 0.0954 lb/in <sup>3</sup> |          |

| Thermal Properties             | Metric                      | English                     | Comments |
|--------------------------------|-----------------------------|-----------------------------|----------|
| CTE, linear                    | 9.10 Åµm/m-Å°C              | 5.06 Åµin/in-Å°F            |          |
|                                | @Temperature 20.0 - 300 Å°C | @Temperature 68.0 - 572 Å°F |          |
| Transformation Temperature, Tg | 538 Å°C                     | 1000 Å°F                    |          |
| Softening Point                | 740 Å°C                     | 1360 Å°F                    |          |
| Working Point                  | 1033 Å°C                    | 1891 Å°F                    |          |
| Annealing Point                | 527 Å°C                     | 981 Å°F                     |          |
| Strain Point                   | 527 Å°C                     | 981 Å°F                     |          |

| Optical Properties    | Metric             | English            | Comments                |
|-----------------------|--------------------|--------------------|-------------------------|
| Refractive Index      | 1.523              | 1.523              | n <sub>d</sub> , Sodium |
| Transmission, Visible | 55.5 %             | 55.5 %             |                         |
|                       | @Wavelength 445 nm | @Wavelength 445 nm |                         |
|                       | 86.5 %             | 86.5 %             |                         |
|                       | @Wavelength 555 nm | @Wavelength 555 nm |                         |
|                       | 90.5 %             | 90.5 %             |                         |
|                       | @Wavelength 630 nm | @Wavelength 630 nm |                         |

| Descriptive Properties | Value  | Comments |
|------------------------|--------|----------|
| Color                  | Violet |          |

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