

Schott D 263Â® T eco Thin Borosilicate Optical Glass

Category : Ceramic , Glass , Optical

Material Notes:

D 263Â® T eco thin glass is a clear borosilicate glass that has a high chemical resistance and is produced by the down-draw method. It is available in a variety of thicknesses ranging from 0.03 mm to 1.1 mm. D 263Â® T eco borosilicate glass is available in standard stock size sheets or can be custom cut into round or square shapes. D 263Â® T eco thin glass is used as a substrate glass for coatings or replacement for plastic for applications in the automotive and electronics industries D 263Â® T eco is manufactured without adding arsenic and antimony as refining agents. It has been used in touch panel displays, optocaps for diode lasers, and other optical applications. Information provided by SCHOTT North America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-D-263-T-eco-Thin-Borosilicate-Optical-Glass.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------------|-----------------|----------------------|
| Density | 2.51 g/cc | 0.0907 lb/inÂ³ | |
| Thickness | 30.0 - 1100 microns | 1.18 - 43.3 mil | wide range available |

| Thermal Properties | Metric | English | Comments |
|--------------------------------|---|---|----------|
| CTE, linear | 7.20 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C | 4.00 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F | |
| Transformation Temperature, Tg | 557 Â°C | 1030 Â°F | |

| Optical Properties | Metric | English | Comments |
|-----------------------|-----------------------------|-------------------------------|-----------------|
| Refractive Index | 1.523 @Wavelength 588 nm | 1.523 @Wavelength 588 nm | n_d |
| Transmission, Visible | 91.7 % @Thickness 1.1 mm | 91.7 % @Thickness 0.043 in | T_{D65} |

| Electrical Properties | Metric | English | Comments |
|-----------------------|---------------------------|---------------------------|----------|
| Dielectric Constant | 6.7 @Frequency 1e+6 Hz | 6.7 @Frequency 1e+6 Hz | |

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