

Schott Glass 8447 Intermediate Sealing Glass

Category : Ceramic , Glass

Material Notes:

Intermediate Sealing glass Sealing to the glasses 8449, 8486, 8412, 8250, 8245, and Kovar The heavy metal content of the elements lead, cadmium, mercury, and hexavalent chromium is below 100 ppm Information provided by SCHOTT AG.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-Glass-8447-Intermediate-Sealing-Glass.php

Physical Properties	Metric	English	Comments
Density	2.26 g/cc @Temperature 25.0 Â°C	0.0816 lb/inÂ³ @Temperature 77.0 Â°F	

Thermal Properties	Metric	English	Comments
CTE, linear	4.60 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C	2.56 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F	ISO 7991
Transformation Temperature, Tg	475 Â°C	887 Â°F	ISO 7884-8
Softening Point	720 Â°C	1330 Â°F	Viscosity 10^{7.6} dPa s; ISO 7884-3
Working Point	1045 Â°C	1913 Â°F	Viscosity 10⁴ dPa s; ISO 7884-2
Annealing Point	505 Â°C	941 Â°F	Viscosity 10¹³ dPa s; ISO 7884-4

Optical Properties	Metric	English	Comments
Refractive Index	1.478 @Wavelength 587.6 nm	1.478 @Wavelength 587.6 nm	

Descriptive Properties	Value	Comments
Hydrolytic Resistance	Class HGB 4	ISO 719
tk100(Â°C)	270	

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