

Schott Glass 8448 Intermediate Sealing Glass

Category : Ceramic , Glass

Material Notes:

Intermediate sealing glass Sealing to the glasses 8330, 8449, 8486, 8487, and tungstenInformation provided by SCHOTT AG.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-Glass-8448-Intermediate-Sealing-Glass.php

Physical Properties	Metric	English	Comments
Density	2.25 g/cc @Temperature 25.0 Â°C	0.0813 lb/inÂ³ @Temperature 77.0 Â°F	

Thermal Properties	Metric	English	Comments
CTE, linear	3.80 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C	2.11 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F	ISO 7991
Transformation Temperature, Tg	510 Â°C	950 Â°F	ISO 7884-8
Softening Point	800 Â°C	1470 Â°F	Viscosity 10^{7.6} dPa s; ISO 7884-3
Working Point	1210 Â°C	2210 Â°F	Viscosity 10⁴ dPa s; ISO 7884-2
Annealing Point	560 Â°C	1040 Â°F	Viscosity 10¹³ dPa s; ISO 7884-4

Optical Properties	Metric	English	Comments
Refractive Index	1.475 @Wavelength 587.6 nm	1.475 @Wavelength 587.6 nm	

Descriptive Properties	Value	Comments
Hydrolytic Resistance	Class HGB 1	ISO 719
tk100(Â°C)	265	

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