

Schott Glass 8100 Lead Glass

Category : Ceramic , Glass

Material Notes:

Lead glass (33.5% PbO), electrically highly insulating, highly x-ray-absorbing TV tubesInformation provided by SCHOTT AG.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schott-Glass-8100-Lead-Glass.php

Physical Properties	Metric	English	Comments
Density	3.28 g/cc @Temperature 25.0 Â°C	0.118 lb/inÂ³ @Temperature 77.0 Â°F	

Thermal Properties	Metric	English	Comments
CTE, linear	9.60 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C	5.33 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F	ISO 7991
Transformation Temperature, Tg	465 Â°C	869 Â°F	ISO 7884-8
Softening Point	655 Â°C	1210 Â°F	Viscosity 10^{7.6} dPa s; ISO 7884-3
Working Point	960 Â°C	1760 Â°F	Viscosity 10⁴ dPa s; ISO 7884-2
Annealing Point	465 Â°C	869 Â°F	Viscosity 10¹³ dPa s; ISO 7884-4

Optical Properties	Metric	English	Comments
Refractive Index	1.595 @Wavelength 587.6 nm	1.595 @Wavelength 587.6 nm	

Descriptive Properties	Value	Comments
Attenuation Coefficient	>100	cm⁻¹, at a wavelength of 0.6 Angstroms
Hydrolytic Resistance	Class HGB 3	ISO 719

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