

Schott Glass 8660 Borosilicate Glass

Category : Ceramic , Glass

Material Notes:

Borosilicate glass for sealing to tungsten, of high cesium content Red eye reduction flash for electronic flashbulbs, longer life in comparison with glass 8487 The heavy metal content for 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-8660-Borosilicate-Glass.php

Physical Properties	Metric	English	Comments
Density	2.44 g/cc	0.0882 lb/in ³	
	@Temperature 25.0 Â°C	@Temperature 77.0 Â°F	

Thermal Properties	Metric	English	Comments
CTE, linear	4.10 Âµm/m-Â°C	2.28 Âµin/in-Â°F	
	@Temperature 20.0 - 300 Â°C	@Temperature 68.0 - 572 Â°F	ISO 7991
Transformation Temperature, Tg	550 Â°C	1020 Â°F	ISO 7884-8
Softening Point	830 Â°C	1530 Â°F	Viscosity 10^{7.6} dPa s; ISO 7884-3
Working Point	1215 Â°C	2219 Â°F	Viscosity 10⁴ dPa s; ISO 7884-2

Optical Properties	Metric	English	Comments
Refractive Index	1.486	1.486	
	@Wavelength 587.6 nm	@Wavelength 587.6 nm	

Descriptive Properties	Value	Comments
Hydrolytic Resistance	Class HGB 3	ISO 719
tk100(Â°C)	550	

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