

## Schott Glass 8652 Sealing Glass

Category : Ceramic , Glass

### Material Notes:

Tungsten sealing glass, lower sealing temperature than glass 8651 Power diodes  
Information provided by SCHOTT AG.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Schott-Glass-8652-Sealing-Glass.php](http://www.lookpolymers.com/polymer_Schott-Glass-8652-Sealing-Glass.php)

Physical Properties	Metric	English	Comments
Density	3.18 g/cc @Temperature 25.0 Â°C	0.115 lb/inÂ³ @Temperature 77.0 Â°F	

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	58.0 GPa	8410 ksi	
Poissons Ratio	0.25	0.25	

Thermal Properties	Metric	English	Comments
CTE, linear	4.50 Âµm/m-Â°C @Temperature 20.0 - 300 Â°C	2.50 Âµin/in-Â°F @Temperature 68.0 - 572 Â°F	ISO 7991
Thermal Conductivity	0.900 W/m-K @Temperature 90.0 Â°C	6.25 BTU-in/hr-Â²- Â°F @Temperature 194 Â°F	
Transformation Temperature, Tg	495 Â°C	923 Â°F	ISO 7884-8
Softening Point	638 Â°C	1180 Â°F	Viscosity 10<sup>7.6</sup> dPa s; ISO 7884-3
Working Point	900 Â°C	1650 Â°F	Viscosity 10<sup>4</sup> dPa s; ISO 7884-2
Annealing Point	490 Â°C	914 Â°F	Viscosity 10<sup>13</sup> dPa s; ISO 7884-4

Optical Properties	Metric	English	Comments
Refractive Index	1.589 @Wavelength 587.6 nm	1.589 @Wavelength 587.6 nm	

Electrical Properties	Metric	English	Comments
	6.9	6.9	

Electrical Properties	Metric	English	Comments
	@Frequency 1.00e+6 Hz, Temperature 25.0 Â°C	@Frequency 1.00e+6 Hz, Temperature 77.0 Â°F	
	0.0035	0.0035	
Dielectric Loss Index	@Frequency 1.00e+6 Hz, Temperature 25.0 Â°C	@Frequency 1.00e+6 Hz, Temperature 77.0 Â°F	

Chemical Properties	Metric	English	Comments
Acid Class, SR	4	4	DIN 12116
Alkali Class, AR	3	3	ISO 695

Descriptive Properties	Value	Comments
Hydrolytic Resistance	Class HGB 1	ISO 719
Stress-optical Coefficient K (10-6mm2N-1)	3.4	DIN 52314

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China