

## Corning Pyroceram® Glass Ceramic

Category : Ceramic , Glass , Glass Ceramic

**Material Notes:**

High strength, high elastic modulus, and uniform dielectric properties. Pyroceram® can be manufactured in ogival ( pointed arch) shapes, hemispheres, pressware sheets, and various machined shapes. Uses include:Tactical Missile NoseconesAntenna WindowsRadomesSolid Wave GuidesHydrospace SystemsInformation provided by Corning Incorporated.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Corning-Pyroceram-Glass-Ceramic.php](http://www.lookpolymers.com/polymer_Corning-Pyroceram-Glass-Ceramic.php)

Physical Properties	Metric	English	Comments
Density	2.60 g/cc	0.0939 lb/in <sup>3</sup>	
Water Absorption	<= 0.01 %	<= 0.01 %	
Porosity	0.0 %	0.0 %	

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	120 GPa	17400 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear	5.70 µm/m-°C	3.17 µin/in-°F	
	@Temperature 20.0 - 320 °C	@Temperature 68.0 - 608 °F	
Specific Heat Capacity	0.974 J/g-°C	0.233 BTU/lb-°F	
Thermal Conductivity	3.39 W/m-K	23.5 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 20.0 - 800 °C	@Temperature 68.0 - 1470 °F	
Softening Point	1350 °C	2460 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	0.0 %	0.0 %	opaque

Descriptive Properties	Value	Comments
Color	Light Gray	

## 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