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NSG OZ Quartz

Glass Type: Fused Quartz

Description

NSG OZ Quartz is manufactured by Nippon Silica Glass. It is a good quality, semiconductor grade of fused quartz. It has good resistance to heat and thermal shock. SGP can CNC mill, drill, cut, lap & polish this material in many shapes, sizes and surface finishes.

Thermal Properties		Mechanical Properties	
Thermal Coefficient of Expansion	(0/300°C): 6.5 X 10 ⁻⁷ /°C	Density	2.203 gm/cm ³
Annealing Point	1180°C/ 2156 °F	Knoop Hardness	6.5 X 10 ⁴ Kg/cm ²
Softening Point	1720T/ 3128 °F	Young's Modulus	7.3 X 10 ⁵ Kg/mm ²
Strain Point	1090°C/ 1994° F	Poisson's Ratio	.17

Chemical Properties		Electrical Properties	
Hydrolytic Resistance	N/A	Dielectric Constant	3.58
Acid Resistance	N/A	Resistivity	N/A
Alkali Resistance	N/A	Dielectric Strength	N/A

Optical Properties	
Refractive Index	1.453

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