



Gelivable®

Gelivable Anti-Glare Glass (Shenzhen) Co.,Ltd.

Custom tempered glass solutions

Chemical Composition and Characteristics

Oxides	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
Wt. %	> 70.0	< 3.0	< 5.0	< 10.0	< 5.0	< 5.0	< 15.0

1.0 Mechanical Properties

1.1 Poisson's Ratio	0.22 Wt. %
1.2 Young's Modulus	73.0GPa
1.3 Tensile Strength	41.4MPa
1.4 Density @21°C	2.4990g/cm ³
1.5 Moh's Scale Hardness	6H
1.6 Knoop Hardness Number 500gm	470

2.0 Thermal Properties

2.1 Coeff.of Therm. Expansion 20-300°C	$8.5 \times 10^{-6}/^{\circ}\text{C}$
2.2 Specific Heat	850J/kg-K
2.3 Thermal Conductivity	1W/mm-K
2.4 Softening Point	720°C
2.5 Annealing Point	543°C
2.6 Strain Point	500°C

3.0 Optical Properties

3.1 Refractive Index	1.53
3.2 Transmission.	>87%

4.0 Electric Properties

4.1 Dielectric Constant measured @ 1MHz	5.7
4.2 Surface Resistivity	10^{-6} to 10^{-8} Ω/sq.

www.gelivableglass.com sales01@gelivableglass.com

T: +86-755-27373707. P: +86-18218805996

Office Location: Room 1408, No. 109, Guangshen Rd. Fuyong Town. Shenzhen 518103. China.

Factory Location: No. 20 Hongfeng Rd, Chang'an Town, Dongguan, 523856 China