



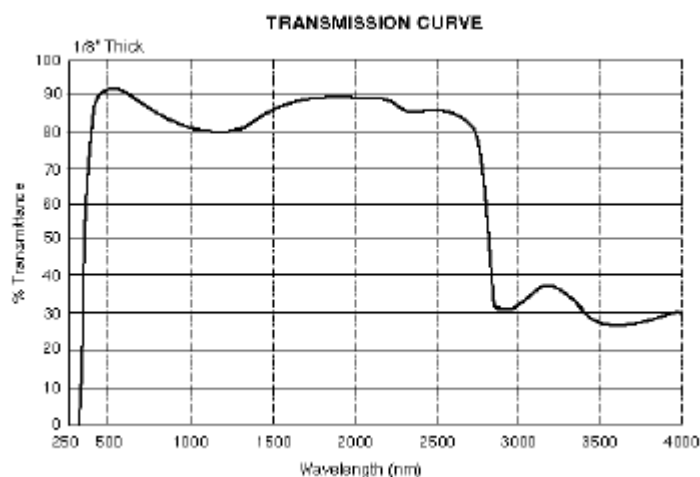
Glass and Polymer
Technologies

EuropFloat Clear

Soda Lime Clear Glass

Physical Properties

- Modulus of Elasticity (Young's) 7.2×10^{10} Pa (10.4×10^6 psi)
- Modulus of Rigidity (Shear) 3.0×10^{10} Pa (4.3×10^6 psi)
- Bulk Modulus 4.3×10^{10} Pa (6.18×10^6 psi)
- Poisson's Ration 0.23
- Specific Gravity 2.53
- Density 2530 kg/m^3 (158 lb/ft^3)
- Coefficient of Thermal Stress $0.62 \text{ mPa/}^\circ\text{C}$ ($50 \text{ psi/}^\circ\text{F}$)
- Thermal Conductivity $0.937 \text{ W.m/m}^2\text{ }^\circ\text{C}$ ($6.5 \text{ btu.in/hr.}^\circ\text{F.ft}^2$)
- Specific Heat 0.21
- Coefficient of Linear Expansion $8.9 \times 10^{-6} \text{ strain/}^\circ\text{C}$ ($4.9 \times 10^{-6} \text{ strain/}^\circ\text{F}$)
- Hardness (Moh's Scale) 5 to 6
- Refractive Index (Sodium D line) 1.523
- Softening Point 1340°F (726°C)
- Annealing Point 1015°F (546°C)
- Strain Point 957°F (514°C)
- Emissivity (Hemispherical) at 75°F 0.84
- Available 0.02" - 1" Thick



GLASS
POLYMER