

Typical Technical Data of Goldseal Glass Microslides (Soda Lime Glass)

Chemical Composition (Approximate)

Silicon Dioxide	72.20%
Sodium Oxide	14.30%
Calcium Oxide	6.40%
Magnesium Oxide	4.30%
Aluminum Oxide	1.20%
Potassium Oxide	1.20%
Sulfur Trioxide	0.03%
Iron Oxide	0.03%

Physical Properties

Annealing Temperature	545°C
Softening Temperature	720°C
Strain Point	494°C
Density	2.48 gm/cm ³
Solar Reflection 2nd Surface Mirror M=21mm glass	95.30%
Light Transmission Total Solar M=21mm glass	91.50%
Poisson's Ratio	0.2
Dimensional Variance	.1mm (10cm or less) .5mm (10cm or larger)
Coefficient of Expansion	90.6x10 ⁻⁷ °C
Refractive Index	1.517 at 546.07 nanometers