

# Float Soda-Lime Optical Glass For Laboratory

Item Number: KTOM-FSO



## Introduction

Soda-lime glass, widely favored as an insulating substrate for thin/thick film deposition, is created by floating molten glass on molten tin. This method ensures uniform thickness and exceptionally flat surfaces.

[Learn More](#)

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|---|---|
| Thermal Conductivity                      | 0.937 W/mK                                    |
| Density (at 20 °C/68 °F)                  | 2.44 g/cm <sup>3</sup>                        |
| Hardness (Moh's Scale)                    | 6 - 7   |
| Bulk Modulus                              | 4.3 x 10 <sup>10</sup> Pa                     |
| Optical Properties                        | Refractive Index (l=435): 1.523 (l=645)=1.513 |
| Electrical Properties Dielectric Constant | @ 20°C E= 7.75                                |
| Specific Resistivity                      | 1000 Hz 25°C - log R ohms/cm: 9.7             |