

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](#)

Thermal Conductivity	0.937 W/mK
Density (at 20 °C/68 °F)	2.44 g/cm ³
Hardness (Moh's Scale)	6 - 7
Bulk Modulus	4.3 x 10 ¹⁰ 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