

# Float Soda-Lime Optical Glass For Laboratory Use

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.

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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