

Specification Sheet

SrTiO₃, Purity: 99.9%, 10mm×10mm×2mm

Stock No: NS6130-10-1105, CAS: 12060-59-2

Product	:	Strontium Titanate Single Crystal Substrate
Stock No	:	NS6130-10-1105
CAS	:	12060-59-2
Width	:	10 mm
Length	:	10 mm
Thickness	:	0.5 mm
Molecular formula	:	SrTiO ₃
Molecular Weight	:	183.49
Appearance	:	Off-white/ Transparent
Density	:	4.81 g/cm ³
Assay	:	≥ 99.99% trace metals basis
Melting Point	:	2080 °C
Thermal Conductive	:	12 w/m.k
Dielectric Constant	:	~300
Description	:	Single Side Polished
Surface Roughness	:	≤ 5A
Dielectric Constant	:	~ 300
Thermal Expansion	:	10.4 x 10 ⁻⁶ / °C
Moh's Hardness	:	6 mohs
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time