

Specification Sheet

Strontium Titanate Single Crystal Substrate

(SrTiO₃, Purity: 99.99%, Size: 10×10×1mm)

Stock No: NS6130-10-1205, CAS: 12060-59-2

Product	:	Strontium Titanate Single Crystal Substrates
Stock No	:	NS6130-10-1205
CAS	:	12060-59-2
Length	:	10mm
Width	:	10mm
Thickness	:	1mm
Orientation	:	(111)
Orientation Tolerance	:	± 0.5°
Density	:	5.175 g/cm ³
Melting Point	:	2080 °C
Hardness	:	6 mohs
Thermal Expansion	:	9.4 (*10 ⁻⁶ /0C)
Surface Roughness	:	Ra < 0.5nm
Finishing	:	Normal
Surface Finish	:	DSP (Double Surface Polished)
Chemical Stability	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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