

## Specification Sheet

Strontium Titanate Single Crystal Substrate

(SrTiO<sub>3</sub>, Purity: 99.99%, Size: 10×10×1mm)

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

<b>Product</b>	:	<b>Strontium Titanate Single Crystal Substrates</b>
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 <sup>3</sup>
Melting Point	:	2080 °C
Hardness	:	6 mohs
Thermal Expansion	:	9.4 (*10 <sup>-6</sup> /0C)
Surface Roughness	:	Ra < 0.5nm
Finishing	:	Normal
Surface Finish	:	DSP (Double Surface Polished)
Chemical Stability	:	Insoluble in water
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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