

## Specification Sheet

Single Crystal Substrate STO

(Purity: >99.9%, Size: 10×10×1mm)

Stock No: NS6130-10-1225, CAS: N/A

<b>Product</b>	:	<b>STO Single Crystal Substrate</b>
Stock No	:	NS6130-10-1225
Purity	:	>99.9%
Length	:	10 mm
Width	:	10 mm
Thickness	:	1 mm
Orientation	:	(111) ± 5°
Density	:	5.175 g/cm <sup>3</sup>
Melting Point	:	2080 °C
Hardness	:	6 Mohs
Thermal Expansion	:	9.4(*10 <sup>-6</sup> /°C)
Surface Roughness	:	Ra < 0.5nm
Finishing	:	Normal
Surface Finish	:	SSP (Single 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