

## Specification Sheet

### STO Single Crystal Substrate

(Purity: >99.9%, Size: 10 × 10 × 0.5mm)

Stock No: NS6130-10-1223, CAS: N/A

<b>Product</b>	:	<b>STO Single Crystal Substrate</b>
Stock No	:	NS6130-10-1223
Purity	:	>99.9%
Length	:	10 mm
Width	:	10 mm
Thickness	:	0.5 mm
Orientation	:	< 100>
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	:	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