

Specification Sheet

STO Single Crystal Substrates

(Purity: >99.9%, Size: 10 × 10 × 1mm)

Stock No: NS6130-10-1224, CAS: N/A

Product	:	STO Single Crystal Substrate
Stock No	:	NS6130-10-1224
Purity	:	>99.9%
Length	:	10 mm
Width	:	10 mm
Thickness	:	1 mm
Orientation	:	(110) ± 5 °C
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	:	SSP (Single Surface Polished)
Main Inspect Verifier	:	Manager QC

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