

Specification Sheet

Magnesium Oxide Single Crystal Substrates
(MgO, Purity: >99.95%, Size: 10×10×0.2mm)
Stock No: NS6130-10-1220, CAS: 1309-48-4

Product	:	MgO Single Crystal Substrate
Stock No	:	NS6130-10-1220
CAS	:	1309-48-4
Length	:	10mm
Width	:	10mm
Thickness	:	0.2mm
Molecular Formula	:	MgO
Orientation	:	(100)
Typical Purity	:	>99.95%
Orientation Tolerance	:	±0.5°
Melting Point	:	2800 °C
Thermal Expansion	:	11.2x10 ⁻⁶ / (°C)
Surface Roughness	:	Ra < 0.5nm
Finishing	:	Normal
Surface Finish	:	DSP (Double Surface Polished)
Main Inspect Verifier	:	Manager QC

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