

# Specification Sheet

Purity: >99.9%, Size:10\*10mm

Stock No: NS6130-10-1274, CAS: N/A

<b>Product</b>	:	<b>CVD Graphene on Quartz</b>
Stock No	:	NS6130-10-1274
Purity	:	> 99.9%
Transparency	:	> 97%
Coverage	:	> 95%
Thickness	:	0.345 nm
FET Electron Mobility on Al <sub>2</sub> O <sub>3</sub>	:	2000 cm <sup>2</sup> /Vs
Hall Electron Mobility on	:	4000 cm <sup>2</sup> /Vs
SiO <sub>2</sub> /Si	:	
Sheet Resistance	:	370±10 Ohms/sq (cm x 1cm)
Grain Size	:	Up to 10 μm
Thickness	:	500 μm
Flatness; Bow	:	20 μm, Warp: 30 μm
Roughness	:	6Å (on the polished side)
Polished	:	Double side
Application	:	Flexible displays, ITO replacement, Graphene research
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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