

## Specification Sheet

Thermally Expanded Graphite Film

(HOPG, Thickness: 0.15mm, Purity: 99.9%)

Stock No: NS6130-10-1290, CAS: 7782-42-5

<b>Product</b>	:	<b>Thermally Expanded Graphite Film</b>
Stock No	:	NS6130-10-1290
CAS No	:	7782-42-5
Thickness	:	0.015mm
Color	:	Dark Grey
Thickness Tolerance	:	±0.03m
Density	:	1.3 g/cm <sup>3</sup>
Hardness	:	85 shore
Tensile Strength	:	650psi
Composition	:	Flexible Graphite
UL Flammability	:	94VO
Temperature Range	:	-40°C to 400°C
Thermal Conductivity	:	300w/m.k (X-Y axis)
Thermal Conductivity	:	7~10w/m.k (Z Axis)
Thermal Resistance	:	0.02 °C –in <sup>2</sup> /w
Volume Resistivity	:	11*10 <sup>-4</sup> Ω-cm
Specific Gravity	:	0.15 % TML
Specific Gravity	:	0.09 % CVCM
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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