

# Specification Sheet

## Quartz Fabric

Stock No: NS6130-10-1147, CAS: N/A

<b>Product</b>	:	<b>Quartz Fabric</b>
Stock No	:	NS6130-10-1147
Purity	:	≥99.99%
Density	:	216±13GSM
Thickness	:	0.2mm
Width	:	100cm
Weave	:	TWILL
Resin Applied	:	EPOXY
Warp Count (PCS/CM)	:	16
Fill Count (PCS/CM)	:	14
Dielectric Constant	:	3.78
Loss Factor	:	0.0002
Insulation Strength	:	5×10 <sup>4</sup> V/m
Resistivity	:	1×10 <sup>11</sup> Ω.cm / 1×10 <sup>11</sup> Ω.cm
Thermal Expansion Coefficient	:	5.5×10 <sup>-7</sup> cm/cm·°C
Thermal Conductivity	:	1.4W/m·°C
Specific Heat	:	670J/kg·°C
Textile Applied Epoxy	:	1.0%
Reinforced Epoxy	:	1.0%
PTFE Resin	:	4-6%
Filament Nominal Diameter	:	7-12μm
Nominal Linear Density(Tex)	:	13.5~2400 (Hollow Yarn 51~600)
Nominal Twist(T/m)	:	50~130 (Hollow Yarn 50~75)
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Intelligent Materials Pvt. Ltd.**

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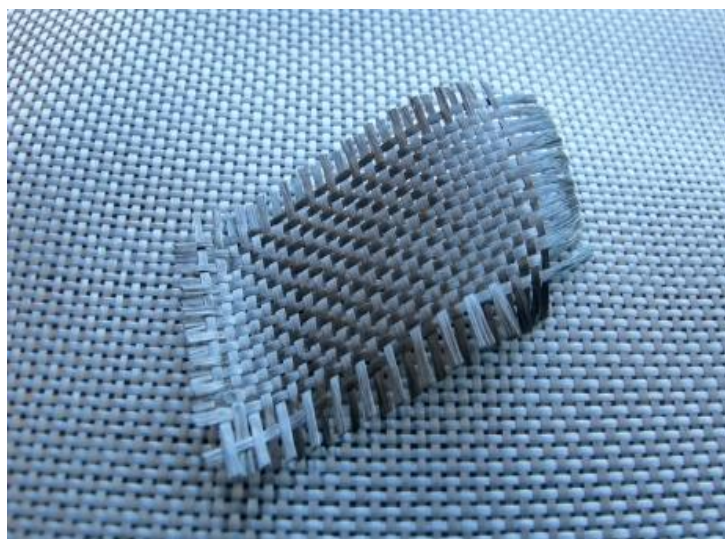
**Note:** Product Specification are subject to amendment and may change over time



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## Characterization of Quartz Fabric



Quartz Fabric

