

Technical Data Sheet

Product Name: Aluminum Nitride Substrate
Catalog No.: NR0916
Size: Customized
Color: White, Light Grey
Purity: 99%, 99.7%



Specification

Form	Thickness. (mm)	Dimension	Through hole (mm)	Warpage
Substrate	0.25-1.5	5.5"×7.5", or customized	≥ Φ0.2	0.002/mm

Properties

Properties	Unit	Value
Density	g/cm ³	3.3
Surface Roughness	μm	0.2
Bending Strength	MPa	350-450
Modulus of elasticity	GPa	320
Vickers Hardness	GPa	11
Coefficient of thermal expansion	10 ⁻⁶ /K	4.6-5.2
Thermal Conductivity	W/(m·K)	180-230
Specific heat	J/(kg·K)	720
Dielectric constant	-	8.5

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By.....*Norman*.....