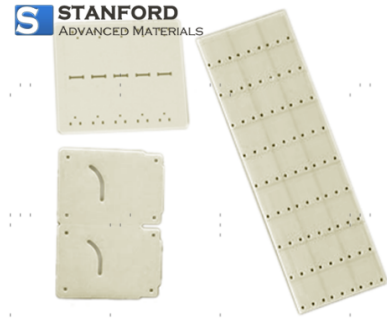


## Technical Data Sheet

**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 <sup>3</sup>	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 <sup>-6</sup> /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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