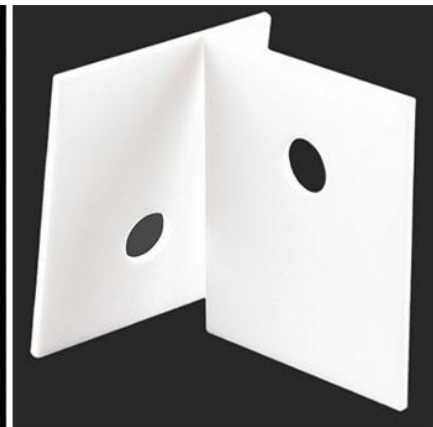
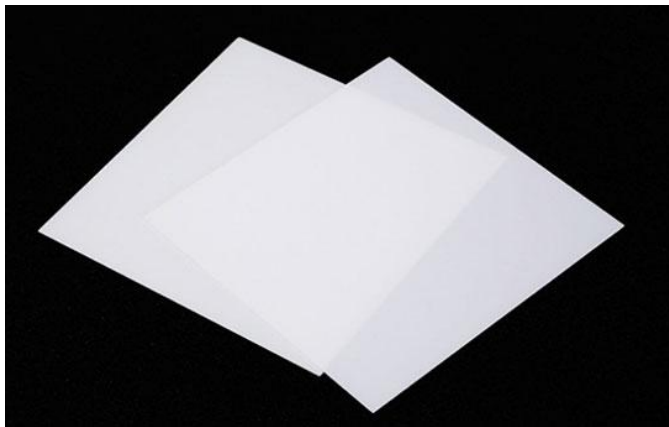


Aluminum Nitride Substrate

Nextgen Advanced Materials supplies high-quality and high-purity Aluminum Nitride Substrate with fast delivery. Customization is available.

Product Description

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Nextgen Aluminum Nitride Substrate. Aluminum nitride substrate is made of high purity aluminum nitride ceramics. The AlN is an ideal choice for heat dissipation substrate in electrical applications. It has high mechanical hardness, high thermal conductivity, similar thermal expansion coefficient with Silicon, excellent electrical resistivity and good chemical stability. Besides, Aluminium Nitride is non-toxic.



Property of Aluminum Nitride

Item	Unit	Parameter
Thermal Conductivity	30°C W/m.k	≥170
Density	g/cm ³	3.335
Copper bonding capacity	N/cm ²	≥20N
Flexural strength	MPa	382.7
Dielectric constant	1MHz	8.56
Thermal conductivity of copper	W/m.K	385
Rockwell hardness	HRA	80-90
Surface roughness	μm	0.3~0.5



Warping degree	length‰	≤2‰
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