



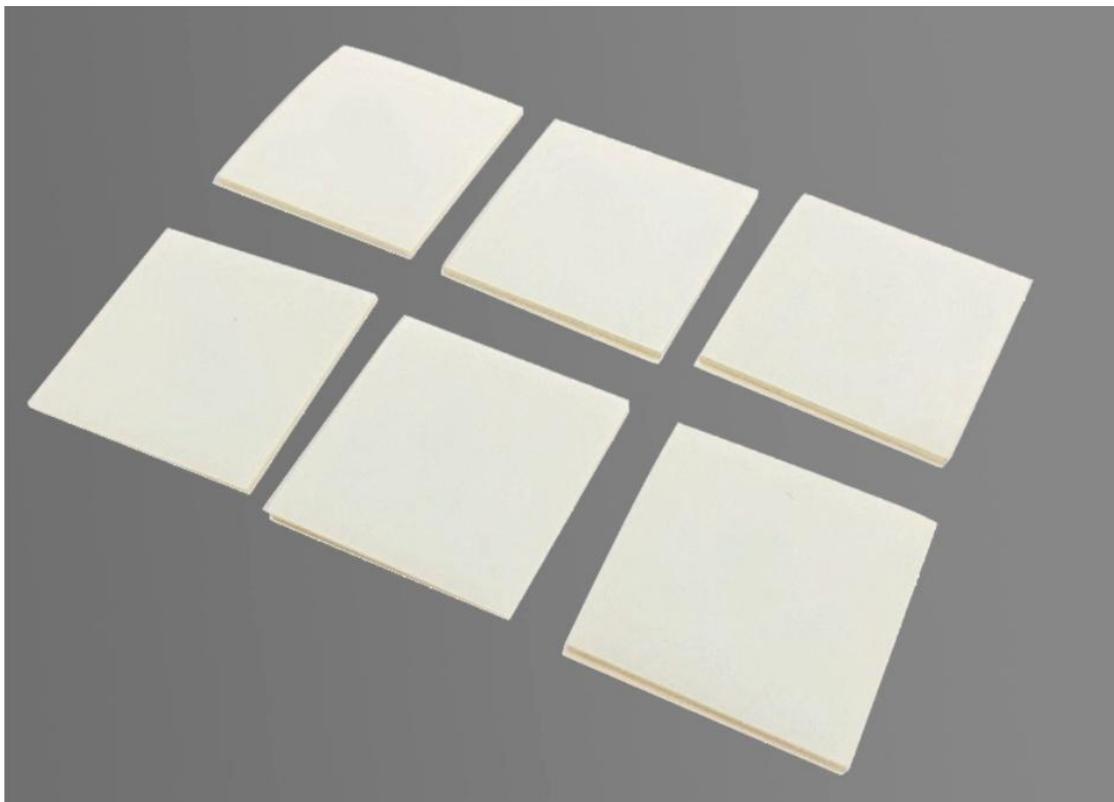
AlN Aluminum Nitride Ceramic Substrate For LED Board

GREENWAY is manufacturer of AlN Aluminum Nitride Ceramic Substrate for LED board. Aluminum nitride (AlN) substrates combine high thermal conductivity and resistivity. With a thermal conductivity 4-6 times higher than other ceramic substrates, aluminum nitride substrates draw heat away from your power electronics to help them run better and longer.

Model: Aluminum Nitride Substrate

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Characteristics of AlN Aluminum Nitride Ceramic Substrate for LED Board

1. High purity, chemical resistance, good corrosion resistance.

2. Good temperature resistance, long-term use at 1600 degrees Celsius, short-term 1200 degrees Celsius.
3. It has good quench and heat resistance and is not easy to burst.
4. Self lubrication and smooth surface, can be a high end decofation.

AIN Aluminum Nitride Ceramic Substrate Specification

Regular size(mm):114.3*114.3/120*120/138*190.5

Thickness(mm): 0.2/0.25/0.381/0.635/1.0 /1.5/2.0 /2.5/3.0

Specifications/ Thickness	0.254	0.381	0.5	0.635	0.8	1.0	1.5	2.0	2.5	3.0
114.3*114.3mm	★	★	★	★	★	★	★	★	★	★
120*120mm	★	★	★	★	★	★	★	★	★	★
124*124mm		★	★	★	★	★	★	★	★	★
152*152mm				★	★	★	★	★	★	★
140*190mm				★	★	★	★	★	★	★
152*203mm					★	★	★	★	★	★
203*203mm					★	★	★	★	★	★
220*220mm						★	★	★	★	★
110*290mm					★	★	★	★	★	★

AIN Aluminum Nitride Ceramic Substrate Application:

abrasion resistant lining patch; patch type electronic component substrate; computer accessories. strong current, strong voltage, high temperature and easy wear parts of electronic appliances and mechanical equipment.

Physical properties: insulation, shock resistance, high temperature resistance, wear resistance, high strength

We can supply the products according to customer's drawings, samples and performance requirement.

