



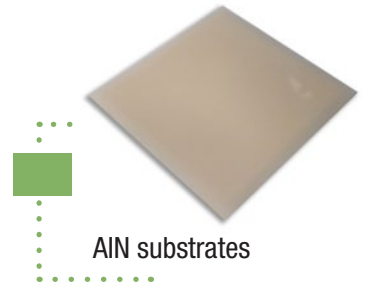
Polishing Slurry

PRODUCT CODE

ALN-6L

Aluminum nitride is one of the material which has most high thermal conductivity and used as the heat dissipation materials of integrated circuit or LED devices. The grains of Aluminum nitride ceramics are easily peeled off during polishing and cause void defect. Superior surface finish is obtained by ALN-6L without void defect.

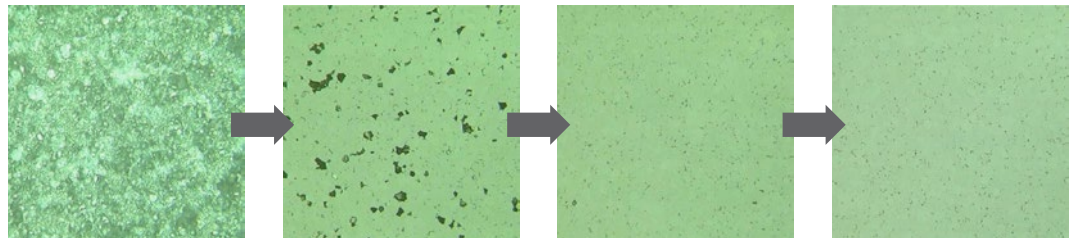
Main applications



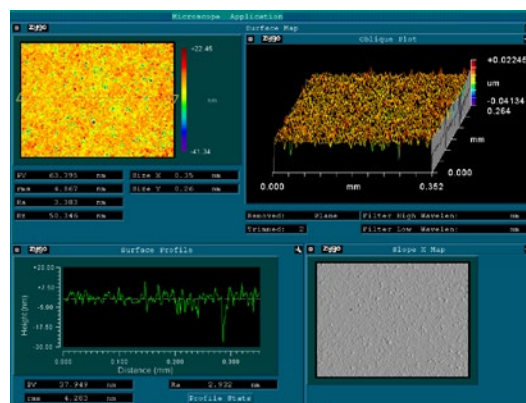
POLISHING CONDITION

| | |
|------------------|-------------------------|
| Machine | φ 380 mm single side |
| Work size | 50mm x 50mm |
| Plate rotation | 50 rpm |
| Down force | 250 g / cm ² |
| Slurry flow rate | 10 ml / min |

Surface roughness (Microscope x200)



Surface roughness (Zygo New View)



SLURRY FORMULATION

| Products | D50(μm) | pH | Dilution | Abrasive |
|----------|---------|-------|----------|----------|
| ALN-6L | 0.3 | 2 - 3 | 1 : 1 | Alumina |

Typical values are given by Baikowski as an indication only. Such values are not contractual.

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