

## Specification Sheet

Purity: 99.5%

Stock No: NS6130-10-1103, CAS: N/A

|                              |   |                                     |
|------------------------------|---|-------------------------------------|
| <b>Product</b>               | : | <b>Aluminium Nitride Substrate</b>  |
| Stock No                     | : | NS6130-10-1103                      |
| CAS                          | : | 24304-00-5                          |
| Length                       | : | 50 mm                               |
| Width                        | : | 50 mm                               |
| Thickness                    | : | 50 $\mu$ m                          |
| Density                      | : | 3.335 g/cm <sup>3</sup>             |
| Material                     | : | Aluminum Nitride Ceramic            |
| Thermal conductivity         | : | $\geq$ 170 W/m.k (at 30 $\square$ ) |
| Flexural Strength            | : | 382.7 MPa                           |
| Dielectric strength          | : | 18.45 KV/mm                         |
| Volume Resistivity           | : | $1.4 \times 10^{14}$ $\Omega$ .cm   |
| <b>Main Inspect Verifier</b> | : | <b>Manager QC</b>                   |

**Note:** Product Specification are subject to amendment and may change over time