

## Specification Sheet

Strontium Titanate Single Crystal Substrate  
(SrTiO<sub>3</sub>, Purity: >99.9%, 10mm×10mm×1mm)  
Stock No: NS6130-10-1105, CAS: 12060-59-2

|                              |   |  |
|------------------------------|---|--|
| <b>Product</b>               | : | <b>Strontium Titanate Single<br/>Crystal Substrate</b> |
| Stock No                     | : | NS6130-10-1105   |
| CAS                          | : | 12060-59-2   |
| Purity                       | : | >99.9%   |
| Length                       | : | 10 mm  |
| Width                        | : | 10 mm  |
| Thickness                    | : | 1 mm   |
| Molecular Formula            | : | SrTiO <sub>3</sub>                                     |
| Molecular Weight             | : | 183.49g/mol  |
| Form                         | : | Crystals   |
| Color                        | : | Off-white/ Transparent                                 |
| Moth'S Hardness              | : | 6 mohs   |
| Thermal Expansion            | : | 10.4 x 10 <sup>-6</sup> / °C                           |
| Dielectric Constant          | : | ~ 300  |
| Melting Point                | : | 2080 °C  |
| Surface Roughness            | : | ≤ 5A   |
| <b>Main Inspect Verifier</b> | : | <b>Manager QC</b>                                      |

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