

- Outstanding resistance to both moisture and chemical absorption.
- Also resistant to most fats, dilute acid solutions, oils and common bleaching agents.
- Easy to handle, to vacuum form and shows very good dimensional stability.
- Thermo formable.
- Suitable for food packaging.

Specifications of SAN sheets

| Description | Thickness (mm) | Width(mm) X Length(mm) |
|---------------------------------|----------------|------------------------|
| SAN solid sheet | 1.8 - 12.0 | 2050(max) x 4000(max) |
| SAN Anti Glare Sheet (AG Sheet) | 1.8 - 12.0 | 2050(max) x 4000(max) |
| SAN Prismatic sheets | 2.8 - 3.00 | 2050(max) x 4000(max) |

Wide range of colours available

Note: **Customized sizes can be made available**

Technical Specification

| Property | Test Method (ASTM) | Unit | Index Value |
|---------------------------------------|--------------------|--------------------|----------------------|
| Physical | | | |
| Density | ASTM D792 | g/cm ³ | 1.09 |
| Water Absorption, Equilibrium, 24 Hrs | ASTM D570 | % | 0.2 |
| Refractive Index | ASTM D542 | — | 1.57 |
| Light Transmission | ASTM D1003 | % | 92 |
| Mechanical | | | |
| Rockwell Hardness | ASTM D785 | Shore (Durometer) | 84 |
| Izod Impact Strength (Notched) | ASTM D256 | kg-cm/cm | 1.84 |
| Tensile Strength | ASTM D638 | kg/cm ² | 612 |
| Tensile Modulus | ASTM D638 | Mpa | 3900 |
| Flexural Strength | ASTM D790 | kg/cm ² | 1070 |
| Flexural Modulus | ASTM D790 | MPa | 3750 |
| Elongation at break | ASTM D638 | % | 1.8 |
| Thermal | | | |
| Coefficient of Thermal expansion | ASTM D696 | cm/cm - °C | 6.0x10 ⁻⁵ |
| Heat Deflection temp, @264psi | ASTM D648 | °C | 101 |
| Vicat Softening point | ASTM D1525 | °C | 112 |
| Mould Shrinkage | ASTM D955 | % | 0.4 -0.6 |

* The above datas are average values from routine measurements and cannot be binding

