

PRODUCT DATA SHEET (REV20250729)

### ABS 3300 - OPAQUE SOLID SHEET

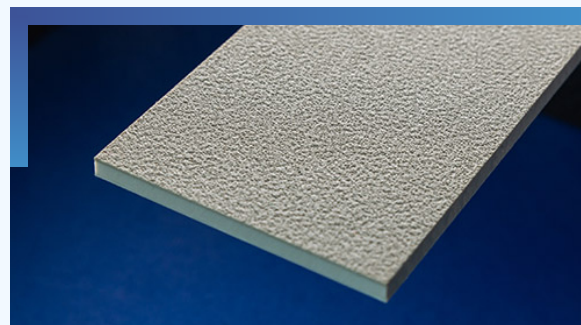
SRT Plastics ABS 3300 is a high-performance ABS sheet with a durable semi-gloss ASA top layer, engineered for excellent weatherability, chemical resistance and impact strength.

This sheet is designed for outdoor and heavy duty applications where long-term durability and formability are essential.

Its unique ASA surface resists UV, moisture, and environmental degradation, making it ideal for transport, agricultural and outdoor equipment.

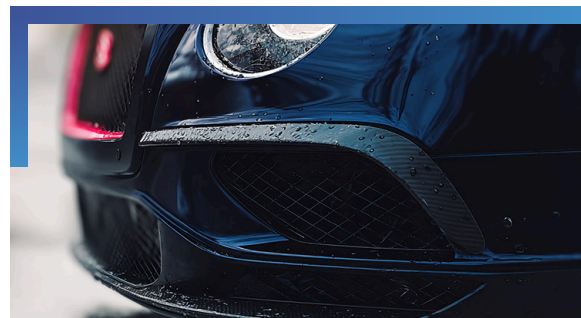
### KEY ADVANTAGES

- ASA top layer provides excellent UV and weather resistance
- High impact strength for demanding outdoor environments
- Resistant to chemicals, ageing, and surface degradation
- Easy to thermoform, cut, and assemble
- Available in standard and custom colours with various textures
- Recyclable via the TRC program for sustainable production



### TYPICAL APPLICATIONS

- Agricultural and gardening equipment panels
- Vehicle and trailer side panels
- Transport and logistics containers
- Outdoor kiosks, enclosures, and cabinets
- Industrial machine covers
- Storage bins and structural casings



### AVAILABLE DIMENSIONS

- Standard Sheet Sizes: 1250 x 2050 mm
- Max Width: 2200 mm
- Thickness Range: 1.5 mm to 9 mm
- Colours: Standard colours and customer specified
- Embossing: 00/35, 00/40 and other grades on application



The information contained within this datasheet is for guidance only.

The data is not exhaustive. All figures quoted are nominal. Any applications should be checked with SRT Plastics prior to use.

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| PROPERTY  | VALUE     | UNIT              | STANDARD  |
|---|-----------|-------------------|-----------|
| PHYSICAL PROPERTIES                                     |           |                   |           |
| Density   | 1.05      | g/cm <sup>3</sup> | ISO 1183  |
| MECHANICAL PROPERTIES                                   |           |                   |           |
| Tensile Strength at Yield                               | 33        | N/mm <sup>2</sup> | ISO 527   |
| Tensile Elongation at Yield                             | >2        | %                 | ISO 527   |
| Tensile Elongation at Break                             | 53        | %                 | ISO 527   |
| Elastic Modulus   | 1900      | N/mm <sup>2</sup> | ISO 527   |
| Flexural Modulus *                                      | 2000      | N/mm <sup>2</sup> | ISO 178   |
| Impact Strength (Izod notched, +23°C)                   | 30        | kJ/m <sup>2</sup> | ISO 180   |
| Impact Strength (Izod notched, -18°C)                   | 20        | kJ/m <sup>2</sup> | ISO 180   |
| Impact Strength (Izod notched, -35°C)                   | 10        | kJ/m <sup>2</sup> | ISO 180   |
| Ball Indentation Hardness *                             | 77        | kJ/m <sup>2</sup> | ISO 2039  |
| THERMAL PROPERTIES                                      |           |                   |           |
| Vicat Temp VST/B120 (0.45 N/mm <sup>2</sup> )           | 97        | °C                | ISO 306   |
| Heat Deflection Temp HDT A (1.80 N/mm <sup>2</sup> )    | 86        | °C                | ISO 75    |
| Mould Shrinkage   | 0.6 - 0.7 | %                 | ISO 294-4 |
| * Value based on information supplied by resin supplier |           |                   |           |

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