

PRODUCT DATA SHEET (REV20250729)

ABS 3400 - OPAQUE SOLID SHEET

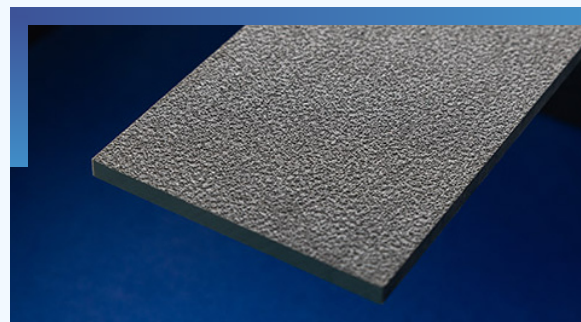
SRT Plastics ABS 3400 is a high performance ABS sheet with a coloured matt PMMA top layer, engineered for demanding technical and decorative applications.

With excellent impact strength, reliable thermal stability, and smooth formability, ABS 3400 is suitable for both indoor and outdoor use.

Whether you're developing signage, automotive trim or machine enclosures, this opaque and weather resistant sheet offers durability, aesthetic appeal and design flexibility.

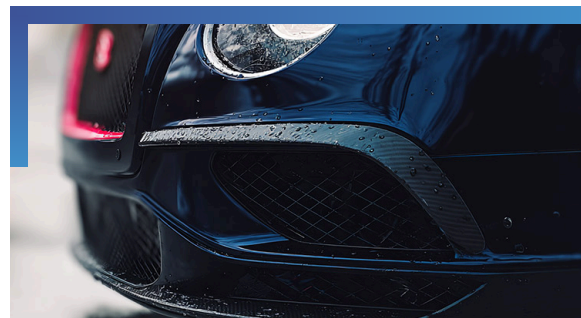
KEY ADVANTAGES

- Matt-coloured PMMA top layer with low-gloss, scratch-resistant finish
- Suitable for both indoor and outdoor applications
- High impact strength combined with good thermal performance
- Weather-resistant surface ideal for signage, automotive, and enclosures
- Available in custom colours and embossing textures
- Supports circular production through the TRC recycling concept



TYPICAL APPLICATIONS

- Advertising signs and branded panels
- Machine covers and equipment housings
- Automotive interior and exterior panels
- Outdoor enclosures and kiosks
- Building & construction cladding
- Decorative linings and protective casings



AVAILABLE DIMENSIONS

- Standard Sheet Sizes: 1250 x 2050 mm
- Max Width: 2200 mm
- Thickness Range: 1.5 mm to 9 mm
- Colours: Customer specified
- Embossing: 00/00, 00/35 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	1.07	g/cm ³	ISO 1183
MECHANICAL PROPERTIES			
Tensile Strength at Yield	33	N/mm ²	ISO 527
Tensile Elongation at Break	55	%	ISO 527
Elastic Modulus	1900	N/mm ²	ISO 527
Flexural Modulus	2000	N/mm ²	ISO 178
Impact Strength (Izod notched, +23°C)	20	kJ/m ²	ISO 180
Impact Strength (Izod notched, -35°C)	10	kJ/m ²	ISO 180
THERMAL PROPERTIES			
Coefficient of Linear Thermal Expansion (20-70°C)		K ⁻¹	ISO 11359-2
Vicat Temp VST/B120 (0.45 N/mm ²)		°C	ISO 306
Heat Deflection Temp HDT A (1.80 N/mm ²)	86	°C	ISO 75
Mould Shrinkage	0.6 - 0.7	%	ISO 294-4

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