



POLYPROPYLENE RIGID SHEET

Polypropylene Rigid Sheet is a versatile, lightweight thermoplastic sheet engineered for high chemical resistance, durability and fabrication flexibility. Its low density makes it easy to handle and install, while its robustness ensures long-lasting performance in a wide range of industrial, commercial and signage applications.

KEY FEATURES

- Excellent chemical resistance
- Non-toxic for food contact – FDA approved
- Lightweight yet durable
- Robust
- Easy to fabricate
- Hygienic
- Moisture resistant

PRODUCT APPLICATIONS

- Chemical tanks
- Food & hospitality environment
- Laboratory equipment
- Wall lining
- Industrial fabrication
- Signage

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL	RESULTS
Weight (3mm)	2.73kg/m ²
Density	0.91g/cm ³
Melt Flow Index – MFI (Varies by Grade)	1-30g/10min
Water Absorption	0.02%
Cleaning: Warm soapy water & soft cloth	
MECHANICAL	
Tensile Strength	30-40Mpa
Flexural Strength	1000-1500Mpa
THERMAL	
Continuous Service Temp	0 ~ 100°C
Heat Deflection Temperature	90-105°C
Co-Efficient of Thermal Expansion	100-150x10 ⁻⁶ /°C

PRODUCT RANGE

COLOUR	GAUGE	SIZE
White Black	3mm 4.5mm 6mm	2440x1220mm

