Graphic Sheet - Clears & Translucent Colours

Promeg® Clears and Translucent Colours are high quality, 100% recyclable polypropylene sheets designed for graphic display and packaging markets where clarity, light transmission, and vibrant aesthetics are essential. These sheets are produced in Australia and deliver outstanding performance while supporting environmentally responsible practices.
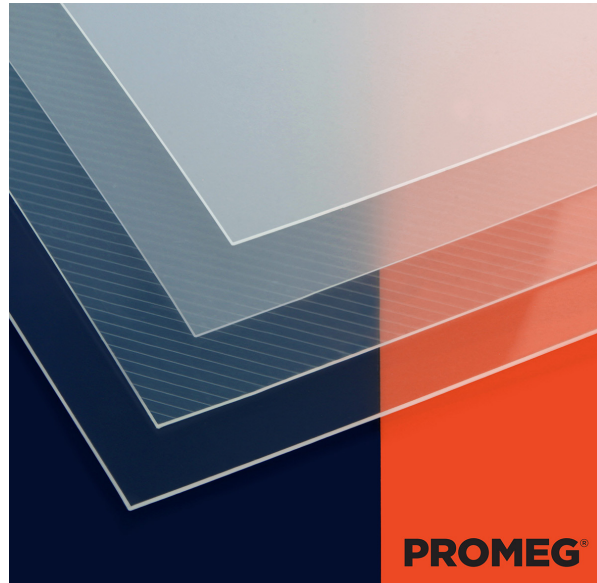
Promeg® Clears are ideal for applications requiring high transparency and light transmission, while Translucent Colours provide vibrant aesthetics with partial transparency and light diffusion.

All Promeg® sheets feature a highly cosmetic finish and are engineered for screen, digital, or offset printing. They can be printed on both sides, hinged, folded, creased, die-cut, and curved.

Designer: Megara (Australia) Pty Ltd

Product Highlights:

- Fully recyclable
- Corona treated on both sides (minimum 45 dynes/cm²)
- Printability for screen and digital printing
- Consistent gauge control (+2% / -3%)
- Available in a range of thicknesses (0.38 mm – 4 mm) and standard sheet sizes (1220 x 2440 mm), with custom options available
- Flat sheet profile (≤ 3.0 mm lift from bench)
- Edge squareness: ± 2 mm diagonally
- Moisture resistant and does not propagate bacterial growth
- Durable for in-store and display applications
- Modified blends available for down to -18 °C
- Modified blends available for outdoor applications
- Recyclable at Corex Recycling
- Excellent light transmission for clear grades and soft light diffusion for translucent colours

Common Applications:

-Retail displays requiring clear or translucent finishes
-Illuminated signage, lightboxes, and backlit graphics
-Premium packaging solutions, including consumer, promotional, and retail packaging
-Stationery and presentation materials where transparency is desired
-Exhibition graphics and trade show displays

PRODUCT INFORMATION

PROUDLY Australian

Contact Us:
hello@corex.com.au

Find out more
corex.com.au

MATERIAL PROPERTIES	UNIT	VALUE	TEST METHOD
Promeg® Clears and Translucent Colours offer high performance for demanding print and display applications:			
Tensile Strength @ Yield	MPa	25-32	ASTM D638
Flexural modulus	MPa	800-1100	ASTM D790
Izod Impact @ 23 Celsius	kJ/m^2	15	ISO 180/1
Thermal Expansion	mm/mm.K	$11\text{-}15 \times 10^{-5}$	ASTM D696
Melting Range	°C	150-170	
Continuous Use Temperature	°C	80	
Light Transmission		90-92% (Clears), 70-80% (Translucent Colours)	ASTM D1003

Key steps for perfect prints and handling:

Always wear cotton gloves to avoid fingerprints and surface contamination.

Store sheets flat, in a controlled temperature to avoid warping before printing.

In high humidity environments, excess moisture can reduce surface energy and impact ink adhesion. Condition sheets before printing.

Use a calibrated ink profile to ensure proper adhesion and colour reproduction.

Run a test proof to check print quality and adhesion before full production. Conduct periodic checks during print runs to maintain consistent quality.

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