

PROMEG®

Promeg® Polypropylene is 100% recyclable and is made using predominantly Australian raw materials. Promeg® contains no plasticizers, cadmium, lead, latex or other heavy metals and all components confirm to Australian Standard 2070-1999, "Plastic Materials for Food Contact Use."

Promeg® does not propagate bacterial growth, and is not affected by moisture.

Opaque Promeg® blend is suitable for use in refrigerated (down to 0°C) environments. Please note that modified blends can be produced for use in freezer (down to -18°C) environments.

Table 1: Typical Property Chart

Property	Units	Promeg® Blend
Density	kg/m ³	910
Tensile Strength	MPa	28-35
Flexural Modulus	MPa	1000-1250
Izod Impact Strength	kJ/m ²	14 at 23°C
Continuous Temperature	°C	90°C
Surface Treatment	Dyne/cm ²	45 minimum (both sides)
Thermal Expansion	10 ⁻⁵ mm/mm. K	11
Melting Range	Melting Range	150-170°C
Water Absorption	%	0.02
Oxygen Transmission Rate	cm ³ , mm, m ² , atm, day	90

IN-PROCESS INSPECTIONS

Each of the following criteria are checked at ½ hour intervals to ensure compliance to standard as part of in-process inspection:

- Corona treatment: both sides to minimum 45 dynes per cm²
- Sheet Flatness: ≤3.0mm lift from bench
- Gauge tolerance: +2%/-3%
- Edge squareness: +/- 2mm measured diagonally
- Blend composition, opacity and colour