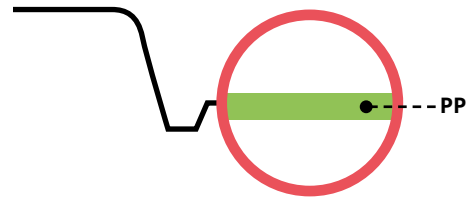




cobelPlast

Let's Make Things Last



Physical Properties for PP

The PP mono is a medium barrier sheet, suitable for all range of products. The sheet has excellent thermal and stress crack resistance.

The PP mono sheet has excellent machinability on standard thermoforming equipment designed for PP use.

Multiple top and bottom heating is required with sufficient cooling and adapted PP plug assist.

General

Composition	PP (homo PP; random copo; block copo)
Colour	Natural or coloured
Thickness range	250 - 2000 μm
Width	70 - 1500 mm

Physical

Specific weight	$\pm 0.91 \text{ g/cm}^3$
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Thermal

Dimensional stability	<50% (30min @ 175°C)
Thermoforming range	155°C \pm 2°C

Barrier

OTR*	$\pm 80 \text{ cc/m}^2 \cdot 24\text{h} \cdot \text{atm}$
MVTR*	$\pm 0.25 \text{ g/m}^2 \cdot 24\text{h}$

* Typical value for 1mm sheet

Features

- ◆ Stress crack resistant to alcohols and a variety of oils
- ◆ Excellent organoleptic properties
- ◆ Suitable for hot fill, retort and microwaveable applications
- ◆ Permanent or easy peel seal against aluminium or plastic lidding material
- ◆ Portion packs for spreads and sauces; cups for babyfood

Storage conditions and expected product shelf life: it is recommended to store the reels in the original packaging at [5-25]°C - [35-65]%RH and protected from sunlight to guarantee a product life of 12 months.

Sheets are manufactured under industrial accepted standards for cGMP. Sheet is composed with components in compliance with EU regulations. Cobelplast is certified ISO 9001:2015, ISO 14001:2015 & BRC/IoP v5 scored AA.