



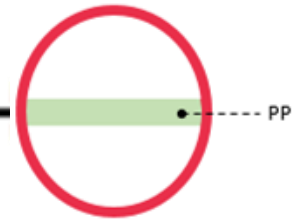
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Datasheet PP mono

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
Colour	Transparent or coloured
Thickness range	300 - 2000 μm
Width	80 - 1500 mm

Physical

Specific weight	0.91 – 0.93 g/cm^3
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Thermal

Dimensional stability	< 60% (30min @ 175 °C)
Thermoforming range*	155 °C \pm 2 °C

* Homopolymer, random or block copolymer PP may require adjustments depending on the composition

Barrier

OTR (20 °C – 65%RH)	max 81 $\text{cc}/\text{m}^2.24\text{h.atm}$
MVTR (38 °C – 90%RH)	max 0.3 $\text{g}/\text{m}^2.24\text{h}$

* Typical values for a 1 mm 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 baby food

Storage conditions and expected product shelf life: it is recommended to store the reels in the original packaging at [10-35]°C – max 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 v6

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