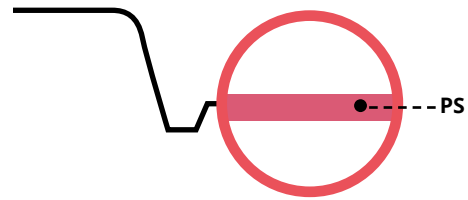




cobelPlast

Let's Make Things Last



Physical Properties for PS

The PS mono is a moderated barrier sheet towards gasses and moisture but suitable for thermoforming on a FFS line, suitable for short shelf-life food products stored at low temperatures.

The sheet has excellent machinability on standard thermoforming equipment designed for PS use with appropriate heating and cooling capacity.

General

Composition	PS (blend of HIPS & GPPS)
Colour	Translucent or colourable
Thickness range	250 - 2000 μm
Width	70 - 1350 mm

Physical

Specific weight	1.04 - 1.06 g/cm^3
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Thermal

Dimensional stability	<15 % (30 min @ 130°C)
Thermoforming range	140°C \pm 10°C

Barrier

OTR*	$\pm 100 \text{ cc}/\text{m}^2 \cdot 24\text{h} \cdot \text{atm}$
MVTR*	$\pm 3.0 \text{ g}/\text{m}^2 \cdot 24\text{h}$

* Typical value for 1mm sheet

Features

- ◆ Stress crack resistant to alcohols and a variety of oils are available on request
- ◆ Suitable for FFS lines equipped with ultra clean or hot fill technology
- ◆ Permanent or easy peel seal against aluminium or plastic lidding material
- ◆ Portion packs and cups for packaging of dairy products with high speed conversion

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.