



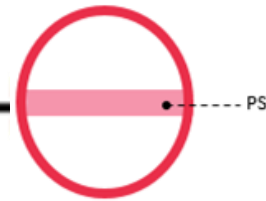
cobelPlast

Let's Make Things Last

Datasheet PS mono

The PS mono is a moderated barrier sheet towards gasses and moisture and is suitable for thermoforming on a FFS line 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	Transparent or coloured
Thickness range	250 - 1500 μm
Width	80 - 1250 mm

Physical

Specific weight	1.05 – 1.07 g/cm ³
-----------------	-------------------------------

Thermal

Dimensional stability	< 25% (30min @ 130 °C)
Thermoforming range	140 °C \pm 10 °C

Barrier

OTR (20 °C – 65%RH)	max 102 cc/m ² .24h.atm
MVTR (38 °C – 90%RH)	max 2.9 g/m ² .24h

* Typical values for a 1 mm sheet

Features

- ◆ Stress crack resistant to alcohols and a variety of oils are available on request
- ◆ Suitable for aseptic and hot fill packaging on FFS lines
- ◆ 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 [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

Cobelplast nv disclaims responsibility for results of use of this information or any product, method or apparatus mentioned herein. It is the user's responsibility to make and be guided by his own tests in determining suitability of any product, method or apparatus for this purpose. No warranty is made of the merchantability or fitness of any product; and nothing herein waives any of the Seller's conditions of sale.



cobelPlast

Let's Make Things Last