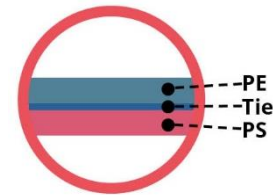


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Datasheet A93 – PS,PE



The A93 is a medium barrier multilayer PS,PE sheet, suitable for all range of products which require high barrier levels for water vapour and is suitable for aseptic packaging, hot filling up to 85 °C. The sheet has excellent machinability on standard thermoforming equipment designed for PS use. Multiple top and bottom heating is required with a PE adapted plug assist and a well-adjusted cutting tool.

General

Composition	PS,PE
Colour	Transparent or coloured
Thickness range	250 - 2000 µm
Width	80 - 1250 mm

Physical

Specific weight	1.02 – 1.04 g/cm ³
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Thermal

Dimensional stability	< 12% (30min @ 130 °C)
Thermoforming range	PE : 120 °C ± 5 °C PS : 140 °C ± 10 °C

Barrier

OTR (20 °C – 65%RH)	Max 109 cc/m ² .24h.atm
MVTR (38 °C – 90%RH)	Max 2.3 g/m ² .24h

* Typical value for a 1 mm sheet with 7% PE.

Features

- ◆ Excellent organoleptic properties for PE as food contact layer
- ◆ Stress crack resistant towards fat containing products
- ◆ Improved moisture barrier compared to PS mono sheet
- ◆ Permanent or easy peel seal against aluminium or plastic lidding material

Storage conditions and expected product shelf life: it is recommended to store the reels in the original packaging at [10-30]°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/loP v6

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