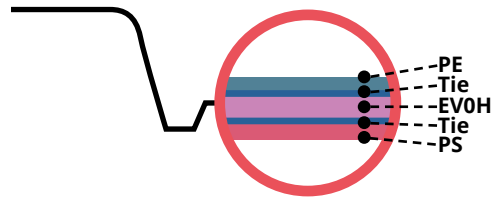




cobelPlast

Let's Make Things Last



Physical Properties for A94

The A94 is a high barrier multilayer PS.EVOH.PE sheet suitable for all range of products which require high barrier for oxygen, gasses, aromas as well as a moisture barrier. The A94 sheet is suitable for aseptic packaging and hot fill 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 forming tool with PE adapted plug assist and appropriate cooling, and a well-adjusted cutting tool.

General

Composition	PS.EVOH.PE
Colour	Translucent or coloured
Thickness range	500 - 2000 µm
Width	70 - 1400 mm

Physical

Specific weight	1.05 – 1.07 g/cm ³
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Thermal

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

Barrier

OTR*	0.3 – 0.5 cc/m ² .24h.atm
MVTR*	1 – 2 g/m ² .24h

* Typical value for 1mm sheet with 3% EVOH (32 mol% ethylene)

Features

- ◆ Excellent organoleptic properties for PE as food contact layer
- ◆ Suitable for deserts, fruit compote, juices, tomato based products
- ◆ 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 [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.