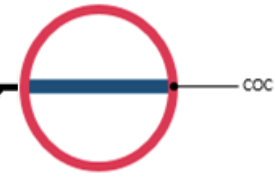




cobelPlast

Let's Make Things Last



Physical Properties for COC

The COC mono is a Medium barrier sheet, suitable for all range of products that requires good resistance to aqueous solutions alike acids, bases, salts and soaps. The sheet has excellent thermal and stress crack resistance. The COC 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 for the COC sheet. The sheet is made with the Sleeve belt technology with high transparency as outcome

General

Composition	COC	
Colour	High Transparent - Colourable	
Thickness range	50 – 400 µm	ASTM D6988-13
Width	70 to 1300mm	ASTM D6988-13

Physical

Specific weight	1.02 g/cm ³	ASTM D792 – ISO 1183
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Thermal

Dimensional stability	<5 % (30 min @ 140°C) – ASTM D2838
Thermoforming range	120 -155°C ± 2°C

Barrier

OTR*	100 cc/m ² .24h.atm
MVTR*	0.23 cc/m ² . 24h.atm

* Typical value for 1mm sheet

Features

- ◆ Stress crack resistance to alcohols, organic solvents and a variety of oils
- ◆ Hot filling up to 121°C and microwaveable
- ◆ Permanent seal or easy peel with aluminium or plastic lids
- ◆ Pharmaceutical blister packaging, packaging of vegetables

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 of components in compliance with the EU regulations and FDA 21 CFR