

EPT

White Voided Thermoforming Film

Applications

Specifically developed for the In Mould Labelling – Thermoforming process.

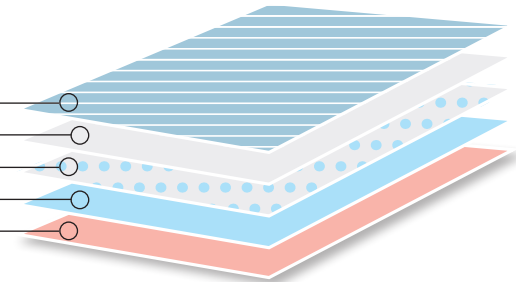
Description

EPT is a one side treated, both sides matt, white voided OPP film. Its unique formulation is ensuring a perfect bond between the film surface and the thermoformed container, resulting in a soft touch effect.

Product features

- Improved sheet fed performance
- Excellent machineability and antistatic properties
- Very high yield due to very low density
- Soft touch effect after moulding
- Offset sheet fed printing with UV curing and oxidative drying inks. For offset printing the film should be stored at 20-25°C, 60-70% rh for a min. of 48 hours
- Gravure and UV-flexo printing
- For reel to reel printing with UV inks, inline Corona treatment is strongly recommended
- Screen printing and letterpress using UV inks

- Treated matt surface
- White OPP layer
- Highly voided OPP core
- OPP layer
- Unique, specifically developed matt surface



Technical Data (Typical Value)

Properties	EPT 60	Unit	Measuring method
Unit weight	33.0	g/m ²	ISO 4591
Average yield	30.3	m ² /kg	ISO 4591
Opacity	89	%	DIN 53146
Whiteness (Berger)	85	%	DIN 5033
Density	0.55	g/cm ³	-
Gloss			
At 60° (printing side)	22	gloss unit	DIN 67530
* Surface tension higher treated side	36-40	mN/m	DIN ISO 8296
Breaking load			
Machine direction	55	N/15 mm	DIN EN ISO 527
Transverse direction	120	N/15 mm	DIN EN ISO 527
Elongation at break			
Machine direction	120	%	DIN ISO 527
Transverse direction	30	%	DIN ISO 527

* within 6 months after production

Availability

Dimensions	EPT 60	Unit
Reel length		
Standard length (8-times)	8 800	m
Max. reel outside diameter		
Core diameter 152 mm	845	mm

Max. reel width: 2000 mm (widths > 2000 mm on request)

Storage

The reels should be kept in their original packaging until used. It is recommended that films are stored below 30°C in order to minimize deterioration of film properties. All films should be allowed to reach operation room temperature for 24 hours before use.
* The treatment level declines with time.

Food Approval

Treofan EPT is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan EPT has specially been developed for packing foods and meets the specific requirements on health and safety.

The figures and data provided in this datasheet are consistent with the current state of our knowledge and are intended to provide general information about our products and their applications. The data collected in this document is for non-binding information purposes only. The exact quality of the products is detailed in the technical specifications which are sent together with the order confirmation. Any existing commercial rights or patents must be observed. Certified according to DIN EN ISO 9001, DIN EN ISO 50001, BRC IOP, AIB. Compliance with industrial health and safety standards. Treofan OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health and safety regulations are observed. Relevant guidelines can be found in our safety information.

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