

TREOFAN™ ETH 50.0

Oriented Polypropylene Film

Jindal
Films

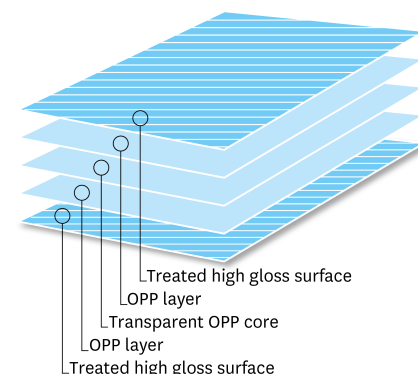
TREOFAN

Product Description

Specifically developed for in mould labels for PP and PE** injection moulding. ETH is a transparent OPP film, treated and glossy on both sides.

Key Features

- Good antistatic properties, web flatness and machineability
- Offset sheet fed printing with UV curing and oxidative drying inks. For offset printing the film should be stored at 20-25°C, 50-60% rh for a min. of 24 hours
- Gravure, UV-flexo printing
- For reel to reel printing with UV inks, inline Corona treatment is strongly recommended



General

Availability

- ✓ North America
- ✓ South America
- ✓ Africa & Middle East
- ✓ Asia Pacific
- ✓ Europe

Applications

- ✓ Ice Cream
- ✓ Industrial
- ✓ Food/ Meat Packaging

Uses

- ✓ In Mould Labels

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Digital Offset (HP Indigo) Printing
- ✓ UV Offset Lithography Printing
- ✓ UV Flexographic Printing
- ✓ Conventional Offset Lithography Printing

Properties

Property	Typical Value	Unit	Test Based On
Yield	22	m ² /kg	Internal Method
Unit Weight	45.5	g/m ²	Internal Method
Film Thickness	50	µm	Internal Method
Density	0.91	kg/dm ³	Internal Method
Gloss (20°)			
Print Surface	100		Internal Method
Tensile Strength at Break			
MD	120	Mpa	Internal Method
TD	210	Mpa	Internal Method
Elongation at Break			
MD	180	%	Internal Method
TD	30	%	Internal Method
Treatment			
higher treated side			
Treated Surface	36-40	dyne/cm	Internal Method

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

Processing Statement

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.

**In case a PE injection plastic melt is used, we recommend to perform an extensive customer validation to ensure the film will be suitable with the associated injection moulding process conditions.

Revision date

- June 29, 2020

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