

# TREOFAN™ EUP 40.0

Oriented Polypropylene Film

**Jindal**  
Films

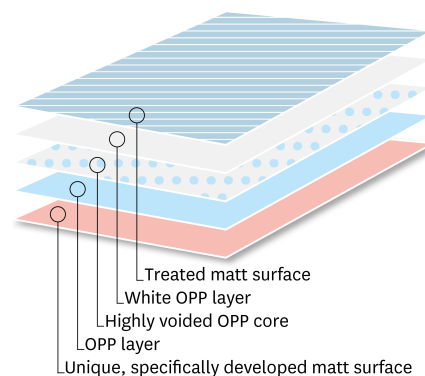
**TREOFAN**

## Product Description

Specifically developed for in mould labels for PP and PE\*\* injection moulding, Treofan EUP is a white voided OPP film, matt on both sides. The unique product design is leading to superior converting characteristics and its special formulation results in a film with very high yield. EUP is normally wound print side outside.

## Key Features

- Improved sheet fed performance
- Excellent machineability and antistatic properties
- For offset printing, the film should be stored at 20-25°C, 50-60% rh for a min. of 24 hours
- For reel to reel printing with UV inks, inline Corona treatment is strongly recommended
- Good overall converting, die cutting, and dispensing properties
- Very high yield due to very low density
- Soft touch effect after moulding
- Distortion free decoration



## General

### Availability

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

### Applications

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

### Uses

- |                   |
|-------------------|
| ✓ In Mould Labels |
|-------------------|

### Appearance

- |         |                              |
|---------|------------------------------|
| ✓ White | ✓ Orange peel after moulding |
|---------|------------------------------|

### 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	45.5	m <sup>2</sup> /kg	Internal Method
Unit Weight	22	g/m <sup>2</sup>	Internal Method
Film Thickness	40	µm	Internal Method
Density	0.55	kg/dm <sup>3</sup>	Internal Method
Gloss (60°) Print Surface	22		Internal Method
Opacity	78	%	Internal Method
Whiteness Index (Berger)	77		Internal Method
Elongation at Break MD TD	120 30	% %	Internal Method Internal Method
Treatment <i>higher treated side</i> Treated Surface	36-40	dyne/cm	Internal Method
Breaking Load MD TD	30 60	N/15 mm N/15 mm	Internal Method 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/>

## Legal Statement

## 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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