

TREOFAN™ ELR 70.0

Oriented Polypropylene Film

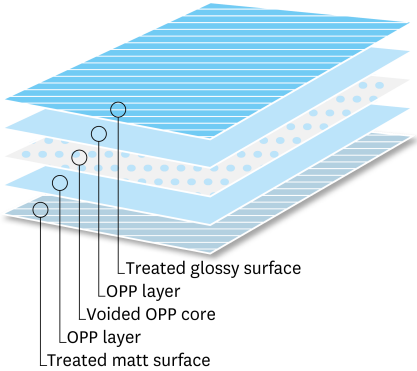


TREOFAN

Product Description

Specifically developed for in mould labels for PP and PE** injection moulding. ELR is a white voided OPP film, tailor made to fulfill the requirements of IML applications where the conversion of large sheets and finally large labels is required. ELR 70 is treated on both sides, one side is matt, one side is glossy

Key Features



- Excellent antistatic properties
- Superior machineability and die cutting
- Good web flatness
- Suitable for sheet fed operations
- Improved yield due to low density
- Glossy effect after injection moulding
- 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 and 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

- | | | |
|--------------|------------------------|------------------------|
| ✓ Industrial | ✓ Chemical Drum Labels | ✓ Food/ Meat Packaging |
|--------------|------------------------|------------------------|

Uses

- ✓ In Mould Labels

Appearance

- ✓ White

Processing Method

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

Properties

Property	Typical Value	Unit	Test Based On
Yield	16.7	m ² /kg	Internal Method
Unit Weight	59.8	g/m ²	Internal Method
Film Thickness	68	µm	Internal Method
Density	0.88	kg/dm ³	Internal Method
Gloss (20°)			
Print Surface	50		Internal Method
Opacity	95	%	Internal Method
Elongation at Break			
MD	190	%	Internal Method
TD	25	%	Internal Method
Treatment			
<i>higher treated side</i> Treated Surface	36-40	dyne/cm	Internal Method
Breaking Load			
MD	105	N/15 mm	Internal Method
TD	180	N/15 mm	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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