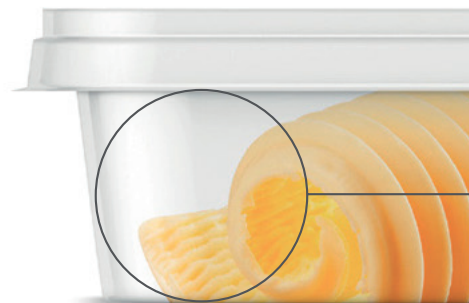


EUP

White Voided IML Film



ultra high yield grade with outstanding converting characteristics



both sides matt, superior sheet-fed performance

distortion-free decoration, unique soft-touch effect

Jindal Films Treofan is THE expert for IML Injection Moulding Films, positioned to assist brand manufacturers and their converters all over the world.

Our state-of-the-art label film solutions are specifically developed and designed to fulfil the requirements along the IML process chain. Ideally suited for large sheet conversion and large size labels, a glossy finish after moulding, distortion-free IML decoration and no-label look IML decoration.

Jindal
Films
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EUP

White Voided IML Film

Description

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.

Applications

Specifically developed for in mould labels for PP and PE injection moulding.

Product 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, 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

Technical Data

Properties	EUP 40	EUP 50	EUP 60	EUP 70	Measuring Method
Nominal thickness	40 µm	50 µm	60 µm	70 µm	ISO 4591
Unit weight	22 g/m ²	27.5 g/m ²	33 g/m ²	38.5 g/m ²	ISO 4591
Average yield	45.5 m ² /kg	36.4 m ² /kg	30.3 m ² /kg	26 m ² /kg	ISO 4591
Opacity	78 %	84 %	88 %	89 %	DIN 53146
Whiteness (Berger)	77 %	80 %	83 %	85 %	DIN 5033
Density	0.55 g/cm ³	0.55 g/cm ³	0.55 g/cm ³	0.55 g/cm ³	-
Gloss					
at 20° (printing side)	22 gloss unit	22 gloss unit	22 gloss unit	22 gloss unit	DIN 67530
Surface tension higher treated side *	36-40 mN/m	36-40 mN/m	36-40 mN/m	36-40 mN/m	DIN ISO 8296
Breaking load					
machine directions	30 N/15 mm	40 N/15 mm	50 N/15 mm	55 N/15 mm	DIN EN ISO 527
transverse direction	60 N/15 mm	80 N/15 mm	100 N/15 mm	120 N/15 mm	DIN EN ISO 527
Elongation at break					
machine directions	120 %	120 %	120 %	120 %	DIN EN ISO 527
transverse direction	30 %	30 %	30 %	30 %	DIN EN ISO 527

* within 6 months after production

Availability

Properties	EUP 40	EUP 50	EUP 60	EUP 70
Reel length				
standard length (8-times)	12800 m	9520 m	8800 m	7400 m
Max. reel outside diameter				
core diameter 152 mm	848 mm	835 mm	845 mm	851 mm

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

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. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications. 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, detailed notes on storage, food approval and health and safety are available on technical data sheet.

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