

EUH White Voided IML Film



ultra high yield grade,
one side matt



excellent conversion
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
TREOFAN

EUH

White Voided IML Film

Description

EUH is a white voided OPP film, matt on one side. Its special formulation results in a film with very high yield. The film is treated on both sides. EUH is wound print side outside.

Applications

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

Product features

- One side glossy, one side matt.
- Suitable for sheet fed operations.
- Good machineability and antistatic properties.
- Very high yield due to very low density.
- Soft touch effect after moulding.
- Distortion free decoration.
- 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 minimum of 48 hours
- Gravure, 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	EUH 60	EUH 70	EUH 75	Measuring Method
Nominal thickness	60 µm	70 µm	75 µm	ISO 4591
Unit weight	33 g/m ²	38.5 g/m ²	41.3 g/m ²	ISO 4591
Average yield	30.3 m ² /kg	26 m ² /kg	24.2 m ² /kg	ISO 4591
Opacity	86 %	89 %	90 %	DIN 53146
Whiteness (Berger)	83 %	85 %	85 %	DIN 5033
Density	0.55 g/cm ³	0.55 g/cm ³	0.55 g/cm ³	-
Gloss				
at 20° (printing side)	33 gloss unit	33 gloss unit	33 gloss unit	DIN 67530
Surface tension higher treated side *	36-40 mN/m	36-40 mN/m	36-40 mN/m	DIN ISO 8296
Breaking load				
machine directions	50 N/15 mm	55 N/15 mm	60 N/15 mm	DIN EN ISO 527
transverse direction	100 N/15 mm	120 N/15 mm	130 N/15 mm	DIN EN ISO 527
Elongation at break				
machine directions	120 %	120 %	120 %	DIN EN ISO 527
transverse direction	30 %	30 %	30 %	DIN EN ISO 527

* within 6 months after production

Availability

Properties	EUH 60	EUH 70	EUH 75
Reel length			
standard length (8-times)	8800 m	7400 m	7000 m
Max. reel outside diameter			
core diameter 152 mm	845 mm	840 mm	845 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.

www.jindalfilms.com

Treofan Germany GmbH & Co. KG

Bergstrasse
66539 Neunkirchen
Germany

t +49 (0) 6821 - 4000
e info@jindalfilms.com