

ETH

Thick Solid - Transparent IML Film



superior optics resulting
in real „no-label-look“,
both sides glossy

superior conversion
efficiencies

excellent optics,
glossy finish after
moulding

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

ETH

Thick Solid – Transparent IML Film

Description

ETH is a transparent OPP film, treated and glossy on both sides.

Applications

Specifically developed for in mould label application.

Product 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, 60-70% rh for a minimum 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	ETH 50	ETH 57	Measuring Method
Nominal thickness	50 µm	56 µm	ISO 4591
Unit weight	45.5 g/m ²	51 g/m ²	ISO 4591
Average yield	22 m ² /kg	19.6 m ² /kg	ISO 4591
Density	0.91 g/cm ³	0.91 g/cm ³	-
Gloss			
at 20° (printing side)	100 gloss unit	100 gloss unit	DIN 67530
Surface tension higher treated side *	36-40 mN/m	36-40 mN/m	DIN ISO 8296
Tensile strength			
machine directions	120 N/mm ²	120 N/mm ²	DIN EN ISO 527
transverse direction	210 N/mm ²	210 N/mm ²	DIN EN ISO 527
Elongation at break			
machine directions	180 %	180 %	DIN EN ISO 527
transverse direction	30 %	30 %	DIN EN ISO 527

* within 6 months after production

Availability

Properties	ETH 50	ETH 57
Reel length		
standard length (6-times)	12000 m	8100 m
Max. reel outside diameter		
core diameter 152 mm	915 mm	795 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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