

# ETR

## Thick Solid - Transparent One Side Matt IML Filmm



transparent,  
one side matt,  
one side glossy



excellent conversion  
efficiencies



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**

# ETR

## Thick Solid – Transparent One Side Matt IML Film

### Description

ETR is a matt, transparent OPP film. ETR is treated on both sides, one side matt and one side glossy.

### Applications

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

### 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	ETR 57	Measuring Method
Nominal thickness	56 µm	ISO 4591
Unit weight	51 g/m <sup>2</sup>	ISO 4591
Average yield	19.6 m <sup>2</sup> /kg	ISO 4591
Density	0.91 g/cm <sup>3</sup>	-
Surface tension higher treated side *	36-40 mN/m	DIN ISO 8296
Tensile Strength		
machine directions	120 N/mm <sup>2</sup>	DIN EN ISO 527
transverse direction	210 N/mm <sup>2</sup>	DIN EN ISO 527
Elongation at break		
machine directions	180 %	DIN EN ISO 527
transverse direction	30 %	DIN EN ISO 527

\* within 6 months after production

## Availability

Properties	ETR 57
Reel length	
standard length (8-times)	8100 m
Max. reel outside diameter	
core diameter 152 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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