



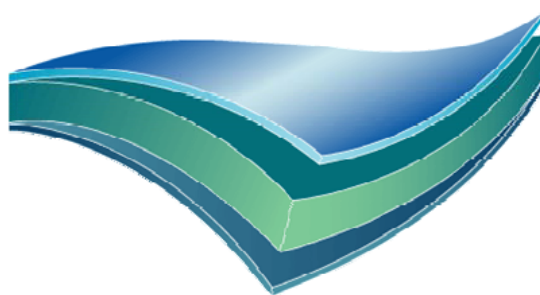
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TECHNICAL DATA SHEET

CAVITATED WHITE BIORIENTED POLYPROPYLENE FILM

LLD

White, voided, co-extruded BOPP Film, non sealable and one-side treated



- High gloss treated layer
- White voided core
- High gloss layer

PROPERTIES

- ◆ Excellent gloss
- ◆ High Whiteness
- ◆ High yield

TYPICAL APPLICATIONS

- ◆ Reel fed wrap around labeling

FOOD CONTACT

LLD fully meets the overall migration requirements of EC Directive 2002/72/EC and USA FDA CFR21 sect.177.1520, and is therefore suitable for direct food contact.

ROLL SIZE AVAILABILITY

Availability	Standard Length (m)	4x (m)	6x (m)	8x (m)
LLD 38	1,650	6,600	9,900	13,200
Outside diameter - core 76 mm	305 mm	588 mm	716 mm	825 mm
Outside diameter - core 152 mm	337 mm	605 mm	730 mm	838 mm

LLD

Properties	Unit	Measuring method	LLD 38	
Nominal thickness			38	
Weight per unit area	<i>g / m²</i>	<i>ISO4591</i>	24.0	
Yield	<i>m² / kg</i>		41.8	
Coefficient of Friction, (dynamic) film to film (treated/untreated)		<i>ISO 8295</i>	< 0.4	
Wettability (min Treatment level)	<i>mN/m</i>	<i>ISO 8296</i>	> 38	
Gloss (45°)	%	<i>DIN EN ISO 2813</i>	90	
Breaking Load	MD	<i>N / 15 mm</i>	<i>DIN EN ISO 527-1/-3</i>	40
	TD			70
Elongation at Break	MD	%	<i>DIN EN ISO 527-1/-3</i>	95
	TD			40
Opacity	%	<i>DIN 53146</i>	82	
Whiteness according to Berger		<i>DIN 5033</i>	73	

PRE-TREATMENT INDICATION

Standard LLD will be supplied with outside treatment. However, LLD can be manufactured as:

- 1-side treated (T)
- 2-sides treated (B)

The treatment is indicated by the additional letters in the grade nomenclature T or B.

STORAGE, HANDLING AND APPLICATION RECCOMENDATIONS

LLD will maintain consistent performance over a period of 6 months from date of production and should be converted during that time. Products should be stored below 40°C, in dry and sun protected environment.

MD Machine direction D Transverse direction NT/NT Non Treated side/Non Treated side

NOTE:



The above-mentioned data have been obtained using standard test procedures on defined specimens, and are provided in good faith. These results should therefore be regarded only as a general guide to material properties. It is for the customer to determine / decide a product's suitability for his / her own particular purpose. **IMPEX GLOBAL FILMS** does not claim and responsibility of the product for any particular purpose.