

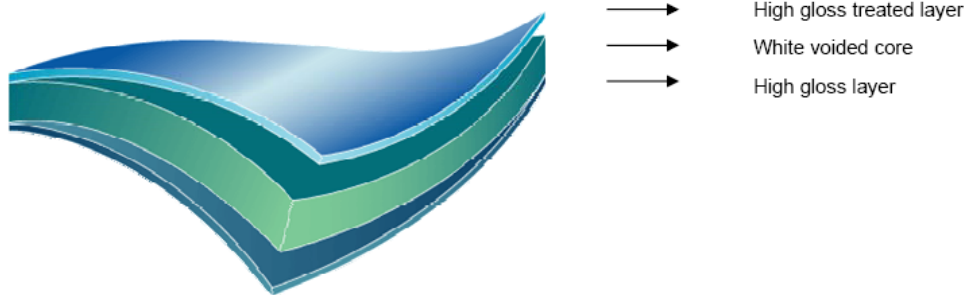


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TECHNICAL DATA SHEET  
CAVITATED WHITE BIORIENTED POLYPROPYLENE FILM

**LLD**

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



**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
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	$g / m^2$	ISO4591	24.0	
Yield	$m^2 / kg$		41.8	
Coefficient of Friction, (dynamic) film to film (treated/untreated)		ISO 8295	< 0.4	
Wettability ( min Treatment level )	$mN/m$	ISO 8296	> 38	
Gloss (45°)	%	DIN EN ISO 2813	90	
Breaking Load	MD	$N / 15 mm$	DIN EN ISO 527-1/-3	40
	TD			70
Elongation at Break	MD	%	DIN EN ISO 527-1/-3	95
	TD			40
Opacity	%	DIN 53146	82	
Whiteness according to Berger		DIN 5033	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      TD      Transverse direction      NT/NT Non Treated side/Non Treated side

/ decide a product's suitability

## 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.