



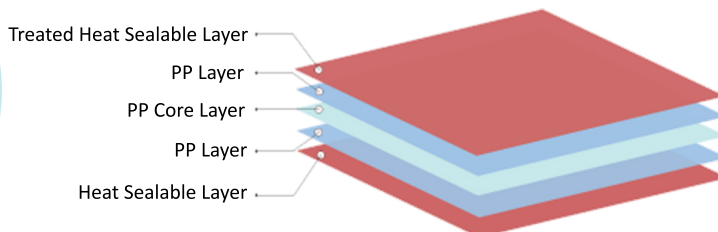
TECHNICAL DATA SHEET

CPP FILM
Transparent Heat Sealable + Corona
APLC

Key Features

- Excellent Optical Properties
- Good Machinability
- Low COF
- Good Hot Tack
- Good Seal Integrity

Is a Low COF transparent Cast Polypropylene (CPP) film with both sides heat sealable and one side treated



Application

Printing and Lamination

Suitable for high speed packaging which requires low COF properties
General purpose printing and pouching of bakery products

Properties		Test Method (ASTM)	Unit	Typical Value		
THICKNESS		Internal	Micron	25	30	40
DEVIATION of AVG FILM THICKNESS			%	± 5	± 5	± 5
FILM DENSITY		D-1505	gm/cc	0.9	0.9	0.9
GRAMMAGE		Internal	gm/m ²	22.5	27.0	36.0
YIELD		Internal	m ² /kg	44.4	37.04	37.04
TREATMENT LEVEL		D-2578	dyne/cm	≥38	≥38	≥38
COEFF OF FRICTION (Film x Metal)	DYNAMIC	D-1894	-	≤ 0.18	≤ 0.18	0.20
HAZE		D-1003	%	2.5	2.5	3.5
GLOSS		D-2457	Unit	122	122	115
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	550	555	500
	TD*			250	250	210
	MD*		(Psi)	7,200	7,200	71000
	TD*			3,400	3,400	2800
ELONGATION AT BREAK	MD*	D-882	%	550	550	570
	TD*			600	650	670
HEAT SEAL INITIATION TEMPERATURE		INTERNAL	° C	120	120	120
HEAT SEAL STRENGTH (AT 135° C)			gm/25mm	1,300	1,200	1200
W.V.T.R.(38°C & 90%RH)		F-1249	gm/m ² /day	11	11	9
			(gm/100in ² /day)	0.7	0.7	0.6
O.T.R. (23°C & 0% RH)		D-3985	cc/m ² /day	3,600	3,550	3500
			(cc/100in ² /day)	230	230	229

*MD = Machine Direction *TD = Transverse Direction *38 dyne/cm guaranteed for 3 months from date of delivery

Reel Packing Format

Core Size	Outer Reel Dia
3" (76 mm)	< 550 mm
6" (152 mm)	< 650 mm

Min Reel Size	Max Reel Size
400 mm	2000 mm

Storage

It is recommended to store the film below 30°C in order to avoid deterioration of film properties. It is advisable to use the material on FIFO basis.

Food Contact

Complies with FDA and EC regulations. MSDS are available on request.

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