



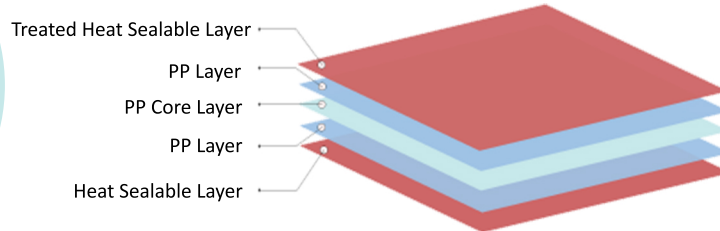
TECHNICAL DATA SHEET

CPP FILM
Transparent Heat Sealable
APL

Key Features

- Good Optics
- Good Machinability
- Good Hot Tack
- Good Seal Integrity

Is a transparent cast polypropylene (CPP) film, with both sides heat sealable and one side treated



Application
Printing and Lamination

Properties		Test Method (ASTM)	Unit	Typical Value					
THICKNESS		Internal	Micron	20	25	30	35	40	50
DEVIATION of AVG FILM THICKNESS			%	± 5	± 5	± 5	± 5	± 5	± 5
FILM DENSITY		D-1505	gm/cc	0.9	0.9	0.9	0.9	0.9	0.9
GRAMMAGE		Internal	gm/m ²	18.0	22.5	27.0	31.5	36.0	45.0
YIELD		Internal	m ² /kg	55.5	44.4	37.04	31.75	27.77	22.22
TREATMENT LEVEL		D-2578	dyne/cm	≥38	≥38	≥38	≥38	≥38	≥38
COEFF OF FRICTION (Film x Metal)	DYNAMIC	D-1894	-	0.30	0.30	0.30	0.30	0.30	0.30
HAZE		D-1003	%	2.0	2.5	3.0	3.3	3.5	4.0
GLOSS		D-2457	Unit	125	122	120	117	115	110
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	500	550	550	550	550	550
	TD*			210	210	210	210	210	210
	MD*		(Psi)	7,100	7,100	7,100	7,100	7,100	7,100
	TD*			3,000	3,000	2,800	2,800	2,800	2,800
ELONGATION AT BREAK	MD*	D-882	%	500	550	550	565	575	600
	TD*			600	650	650	663	675	725
HEAT SEAL INITIATION TEMPERATURE		INTERNAL	° C	125	125	125	125	125	125
HEAT SEAL STRENGTH (AT 135° C)			gm/25mm	1,200	1,200	1,200	1,200	1,200	1,400
W.V.T.R.(38°C & 90 % RH)		F-1249	gm/m ² /day	12	11	10	9.5	9	8
			(gm/100in ² /day)	0.8	0.7	0.6	0.6	0.6	0.5
O.T.R. (23°C & 0 % RH)		D-3985	cc/m ² /day	3,650	3,600	3,550	3,525	3,500	3,500
			(cc/100in ² /day)	235	230	230	230	229	225

*MD = Machine Direction *TD = Transverse Direction

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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