



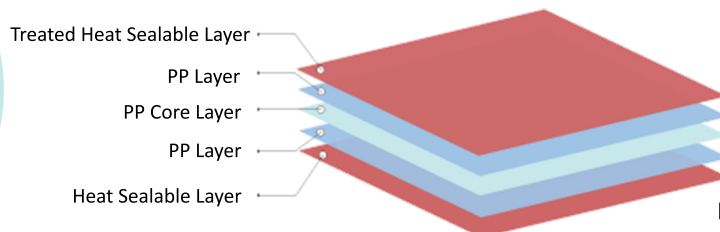
## TECHNICAL DATA SHEET

**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 <sup>2</sup>	18.0	22.5	27.0	31.5	36.0	45.0
YIELD		Internal	m <sup>2</sup> /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 <sup>2</sup>	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 <sup>2</sup> /day	12	11	10	9.5	9	8
			(gm/100in <sup>2</sup> /day)	0.8	0.7	0.6	0.6	0.6	0.5
O.T.R. (23°C & 0 % RH)		D-3985	cc/m <sup>2</sup> /day	3,650	3,600	3,550	3,525	3,500	3,500
			(cc/100in <sup>2</sup> /day)	235	230	230	230	229	225

\*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	2200 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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