



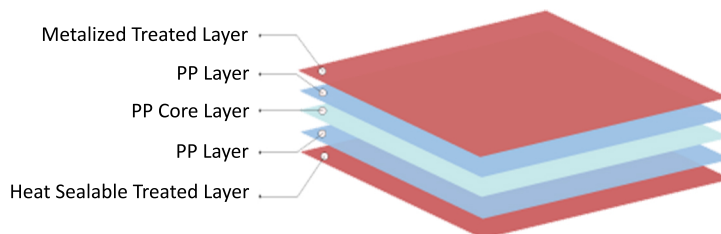
TECHNICAL DATA SHEET

CPP FILM
Metalized CPP Film
APLSBZ

Key Features

- Excellent Barrier Properties to Gas, Moisture and Light
- Low S.I.T
- Good Seal Integrity
- Excellent Hot Tack

Is a High Barrier Metalized Cast Polypropylene film, one side Corona treated and other side Heat Sealable



Application

Printing and Lamination
Packaging and Conversion

Highly suitable for packaging where excellent barrier properties are required like chips, coffee, snacks, cookies etc

Properties		Test Method (ASTM)	Unit	Typical Value
THICKNESS		Internal	Micron	25
			Gauge	100
DEVIATION of AVG FILM THICKNESS			%	± 5
FILM DENSITY		D-1505	gm/cc	0.9
GRAMMAGE		Internal	gm/m ²	22.5
YIELD		Internal	m ² /kg	44.4
COEFF OF FRICTION (NT x Metal)	DYNAMIC	D-1894	-	≤ 0.45
OPTICAL DENSITY		-	-	≥ 2.2
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	550
	TD*			250
	MD*		(Psi)	7,200
	TD*			3,400
ELONGATION AT BREAK	MD*	D-882	%	550
	TD*			600
HEAT SEAL INITIATION TEMPERATURE		INTERNAL	° C	115
HEAT SEAL STRENGTH (AT 135 °C)			gm/25mm	1,300
W.V.T.R.(38°C & 90%RH)		F-1249	gm/m ² /day	≤ 0.24
			(gm/100in ² /day)	≤ 0.0155
O.T.R. (23°C & 0% RH)		D-3985	cc/m ² /day	≤ 30
			(cc/100in ² /day)	≤ 1.935

*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 not to be exposed to sunlight and to be stored at below 30°C in order to avoid deterioration of film properties.

Food Contact

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

Disclaimer

Information contained here is best to our knowledge but limited to the information as specified. No representation or warranty is made regarding the information or its fitness to a particular use. The user is solely responsible for all determinations regarding use and we disclaim liability for any loss or damage that may occur from the use of this information. Astro films reserves the right to change the technical data sheet at any time for enhancing the Quality of the products without prior information.