

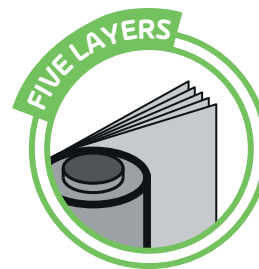
Polypropylene Film

TRANSPARENT CAST

CPP.PREMIUM

● Description:

Coextruded film formed by excellent polypropylene blends that guarantee high sealability at low temperatures on the face without treatment. It has excellent optical characteristics (brightness and transparency), high slip and high rigidity, as well as good moisture barrier.



● Main characteristics:

- Has high sealability on the face without treatment;
- Excellent performance in automatic packaging;
- Good optical characteristics (brightness and transparency)
- High slip;
- High rigidity;
- Good moisture barrier;
- Excellent flatness and dimensional stability;
- One-sided treatment for paint and / or adhesive applications or untreated.

● Applications:

Intended for the use of single-layer films or in different laminated packaging with other substrates, it can be supplied with thicknesses between 0.020 and 0.100 mm. Due to its high rigidity, it has excellent stability in the Rotogravure process. Meets ANVISA's ordinances to get in direct contact with food.

● Important considerations:

It is recommended to store this product at temperatures not exceeding 30°C, in the shade, with relative humidity up to 60%, as it may present decay of physical properties in uncontrolled storage conditions. In addition, it must be used within the validity period described on the identification labels.

Maintain adequate turnover of validity dates (FIFO). The information given in the datasheets should be considered as comparative parameters and should not be taken as a guarantee. Other specifications can be met upon consultation and approval by our technical department.

Dimensional Properties		
Dimensions	Unit.	Tolerance
Width	mm	+ 5
Thickness	mm	+ ou - 5%
Weight	g/m ²	+ ou - 5%
Internal Diameter	inch	6
Treatment side		external or internal
External Diameter	mm	500-800

Main properties									
Properties	Method	Unit.	Thickness in mm						
			0,020	0,025	0,030	0,035	0,040	0,045	0,050
Drying Module 2% * MS	ASTM D882	MPA	490	510	530	550	570	590	610
Drying Module 2% * CD	ASTM D882	MPA	470	480	490	500	510	520	530
Tensile strength *MS	ASTM D882	GF	2.300	2.800	3.300	3.800	4.300	4800	5300
Tensile strength *CD	ASTM D882	GF	1.100	1.400	1.700	2.000	2.300	2700	3000
Stretching at break *MS	ASTM D882	%	460	500	540	580	620	660	700
Stretching at break *CD	ASTM D882	%	470	490	510	530	550	570	600
Tear Resistance *MS	ASTM D1938	GF	80	100	120	140	160	180	200
Tear Resistance *CD	ASTM D1938	GF	300	340	380	420	450	480	510
TPVA at 38°C, 90% H.R.	ASTM F1249	g/(m ² .day)	14	12	10	8	7	6	5
TPO2 at 23°C, 0% H.R.	ASTM D3985	cm ³ /(m ² .day)	4.750	4.700	4.650	4.600	4.550	4.500	4.450
Surface tension	ASTM 2578	Dynes/cm	38						
Dynamic COF (film/ film- * UF / * UF)	ASTM D1894		0,10 - 0,25						
Initial sealing temperature * UF / * UF	ASTM F88	°C	120			125			
Brightness 45°	ASTM D2457	UB	80						

* MS - Machine Steering | * CD - Cross Direction | * UF - Untreated Face