

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 (gloss 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			
			0,025	0,030	0,035	0,040
Brightness 45°	ASTM D2457	%	80			
Opacity	ASTM D1003	%	4,0			
Drying Module 2% * DM	ASTM D882	MPA	450	500	550	600
Drying Module 2% * DT	ASTM D882	MPA	400	450	500	550
Tear Resistance *DM	ASTM D1938	N	2,0	2,5	3,0	3,5
Tear Resistance *DT	ASTM D1938	N	3,0	3,5	4,0	4,5
TPO2 at 23°C, 0% H.R.	ASTM D3985	cm ³ /(m ² .dia)	4.700	4.650	4.600	4.550
TPVA at 38°C, 100% H.R.	ASTM F1249	g/(m ² .dia)	14	13	12	11
Surface tension	ASTM 2578	dynes/cm	38			
Dynamic COF (film/ film- * NT / * NT)	ASTM D1894		0,10-0,25			
Initial sealing temperature * NT / * NT	ASTM F88	°C	120		125	

* DM - Machine Steering | * DT - Cross Direction | * NT - Untreated Face

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