

Polypropylene Film

Transparent Cast

CPP.RETORT LOW COF

● Description:

CPP.RETORT LOW COF is a coextruded film formed by polypropylene blends of excellent quality, presenting excellent sealability and high mechanical, chemical and thermal resistance.

● Main characteristics:

- Excellent mechanical resistance at high temperatures;
- Excellent sealability on untreated face;
- One-sided treatment for paint and / or adhesive applications or untreated.
- Excellent flatness and dimensional stability;
- High slip;
- High mechanical, chemical and thermal resistance.

● Important considerations:

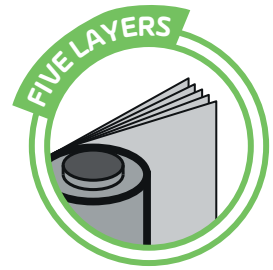
It is recommended to store this product at temperatures not exceeding 30°C, in the shade, with relative humidity up to 60%, as it may present decay of physical properties in uncontrolled storage conditions. In addition, it must be used within the validity period described on the identification labels.

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.

● Applications:

Intended for the manufacture of laminated packaging that will be submitted to the sterilization process in an autoclave.

It can be supplied in thicknesses between 0.040 and 0.130 mm. Meets ANVISA's ordinances to get in direct contact with food.



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.		
			0,060	0,070	0,085
Drying Module 2% *MS	ASTM D882	MPA	480	520	620
Tear Resistance *MS	ASTM D1938	GF	200	250	350
Tear Resistance *CD	ASTM D1938	GF	550	600	700
Tensile strength *MS	ASTM D882	GF	4300	5000	6400
Tensile strength *CD	ASTM D882	GF	3500	4100	5000
Stretching at Break *MS	ASTM D882	%	530	560	580
Stretching at break *CD	ASTM D882	%	500	530	560
Surface tension	ASTM 2578	dynes/cm	38		
Dynamic COF (film/ film- *UF / *UF)	ASTM D1894		0,15-0,35		
TPVA at 38 °C, 90% UR.	ASTM F1249	g/(m ² .day)	4,5	4,0	3,5
Initial hot sealing temperature (Hot Tack)	ASTM 1921	°C	135	135	135
Initial cold sealing temperature *UF/*UF	ASTM F88	°C	135	140	155

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

The typical values mentioned are average data and should be considered as a reference and cannot be taken as a warranty specification. Other specifications can be met upon consultation and approval.