

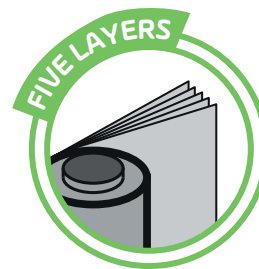
Polypropylene Film

Transparent Cast

CPP.RETORT LOW COF

● Description:

CPP.RETORT COF BAIXO 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.

● 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.

● 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 | |
| | | | 0,070 | 0,095 |
| Brightness 45° | ASTM D2457 | % | 77 | |
| Opacity | ASTM D1003 | % | 4,0 | 5,0 |
| Drying Module 2% * DM | ASTM D882 | MPA | 340 | 450 |
| Drying Module 2% * DT | ASTM D882 | MPA | 300 | 400 |
| Tear Resistance *DM | ASTM D1922 | N | 3,0 | 3,4 |
| Tear Resistance *DT | ASTM D1922 | N | 4,5 | 5,8 |
| TPO ₂ at 23°C, 0% H.R. | ASTM D3985 | cm ³ /(m ² .dia) | 3,500 | 3,750 |
| TPVA at 38°C, 100% H.R. | ASTM F1249 | g/(m ² /dia) | 9 | 8 |
| Surface tension | ASTM 2578 | dynes/cm | 38 | |
| Dynamic COF (film/ film- * NT / * NT) | ASTM D1894 | | 0,15-0,35 | |
| Initial sealing temperature * NT / * NT | ASTM F88 | °C | 140 | 160 |

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