

Polypropylene Film

TRANSPARENT CAST

CPP.HSF

● Description:

CPP.HSF is a coextruded film formed by high quality polypropylene and polyethylene blends, featuring excellent low temperature sealability and high flexibility. Features excellent optical characteristics (brightness and transparency), high slip, good tear resistance, and good moisture barrier.

● Main features:

- Excellent sealability on untreated face;
- Excellent optical characteristics (brightness and transparency);
- High slip;
- Good Tear Resistance
- Good moisture barrier;
- Excellent flatness and dimensional stability;
- One-sided treatment for paint and / or adhesive applications or untreated.

● 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:

For the manufacture of single-layer packaging or laminated packaging with other substrates. Because it contains polyethylene in the structure, it should be used only in packs with welded together.

To be used in packages with pierced weld, the laminated structure must be composed of HSF + HSF. It can be supplied with thicknesses between 0.020 to 0.050mm. 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					
			0,025	0,030	0,035	0,040	0,045	0,050
Drying Module 2% * MS	ASTM D882	MPA	440	480	500	520	550	580
Drying Module 2% * CD	ASTM D882	MPA	380	400	420	480	500	520
Tensile Strength *MS	ASTM D882	GF	3500	3800	4100	4400	4700	5000
Tensile Strength *CD	ASTM D882	GF	1500	1480	2180	2520	2860	3200
Stretching at Break *MS	ASTM D882	%	570	590	610	630	670	700
Stretching at Break *CD	ASTM D882	%	600	610	620	630	640	650
Tear Resistance *MS	ASTM D1938	GF	140	180	220	280	320	350
Tear Resistance *CD	ASTM D1938	GF	420	460	500	540	580	620
TPVA at 38°C, 90% H.R.	ASTM F1249	g/(m ² .day)	11	10	9	8	7	6
TPO2 at 23°C, 0% H.R.	ASTM D3985	cm ³ /(m ² .day)	4.800	4.700	4.500	4.300	4.200	4.100
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	105			115		
Brightness 45°	ASTM D2457	UB	80					

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

GDM Indústria e Comércio de Plástico Ltda.
 Highway SC 108 - KA / 1 331,5
 ZIP CODE: 88.870-000, B. Murialdo
 Orleans - SC - Phone/Fax: 13 3 66.6600
 gdmplasticos@gdmplasticos.com.br

Maceió Branch
 Avenida Menino Marcelo, 2400
 ZIP CODE: 57083-410, B. Tabuleiro dos Martins
 Maceió - AL - Phone/Fax: 82 3334.2800
 filialmaceio@gdmplasticos.com.br

Manaus Branch
 Avenida Buriti, 2350 - Galpão G-5
 ZIP CODE: 69.075-903, B. Industrial District
 Manaus - AM - Phone/Fax: 92 3042.0120 0120
 filialmanaus@gdmplasticos.com.br

