

Polyethylene Film

BPE PREMIUM

White Pig Lamination

● Description:

The BPE PREMIUM WHITE PIG LAMINATION is a co-extruded film in blown equipment, formed by excellent quality polyethylene blends that ensure high sealability at low temperatures on the untreated face. Can be produced with treatment on both sides. It presents excellent optical characteristics (brightness and transparency), high sliding, high resistance to tearing, besides high dimensional stability.

● Main Features :

- Produced by BLOWN extrusion;
- It has high sealability on the untreated face;
- High slip;
- Excellent optical characteristics (brightness and transparency);
- High tear resistance;
- Excellent flatness and dimensional stability;
- Treatment on one side or both sides for paint and/or adhesive applications or without treatment.

● 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 proper turnover of expiration 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 answered upon consultation and approval by our technical department.

● Applications:

Intended for the manufacture of laminated packaging with other substrates. It can be supplied in thicknesses between 0.020 and 0.2500 mm. Meets ANVISA's ordinances to get in direct contact with food.

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

Main properties					
Properties	Method	Unit	Thickness in mm		
			0,050	0,060	0,100
Drying Module 1% *MS	ASTM D882	MPA	200	210	220
Tensile strength *MS	ASTM D882	GF	3430	5220	9450
Tensile strength *CD	ASTM D882	GF	4220	4905	8510
Stretching at Break *MS	ASTM D882	%	520	635	820
Stretching at Break *CD	ASTM D882	%	720	730	800
Tear Resistance *MS	ASTM D1938	GF	210	325	800
Tear Resistance *CD	ASTM D1938	GF	475	580	1040
Surface Tension	ASTM 2578	Dynes/cm	38		
Dynamic COF (film/ film- * UF / * UF)	ASTM D1894		0,10 - 0,25		
TPVA a 38 °C e 100%UR.	ASTM F1249	g/(m2.day)	10	9	5
Initial cold sealing temperature *UF/*UF	ASTM F88	°C	160	160	190

*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.