Automatic Polyethylene
Transparent Stretch Cast Film

Automatic Application

Description:

Automatic Transparent Stretch Cast Film is produced from linear low density polyethylene resins that exhibit excellent optical, mechanical and compaction properties. It is used as protective packaging and use of cargo during transportation and storage. It is a film approved for use in conventional automatic palletizers and can be supplied with or without a tube.

Main characteristics:

- High resistance to traction;
- High bonding power.
- Good optical properties (brightness and transparency);
- High load retention (compaction);
- Protection against moisture and dust.

Applications:

Indicated for automatic palletizing in the beverage, paper and cellulose, food and packaging industries in general. Ideal for use on conventional rotary platform palletizers. It can be produced with thicknesses between 0.017 and 0.040 mm, with and without a tube. For applications in direct contact with food, consult the technical area.

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 expiration date on the ID labels. Maintain proper turnover of expiration dates (FIFO). The information given in the technical data sheets 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	+ or -10
Thickness	%	+ or -10
Weight	%	+ or -10
Internal Diameter	inch	2 and 3
Coil Weight	%	+ or -5
External Diameter	mm	+ or -10

Main properties							
Properties	**Method**	**Unit.**	**Thickness in mm**				
			0,017	**0,020**	**0,025**	**0,030**	**0,040**
Maximum Tensile Strength *MD	ASTM D882	Kgf	1,50	1,70	2,00	2,50	3,00
Maximum Tensile Strength *MD	ASTM D882	Kgf	0,50	0,90	1,20	1,80	2,20
Split lengthening *MD	ASTM D882	%	200-250	225-325	250-300	275-325	325-350
Elongation at the Rupture *CD	ASTM D882	%	300-350	325-375	350-400	375-425	450-500
Resistance to Puncturing	GDM	Kgf	0,50	0,52	0,55	0,60	0,68
Resistance to Puncture in the Stretching (250%)	GDM	Kgf	0,35-0,40	0,40-0,45	0,45-0,50	0,50-0,55	0,60-0,65
Uncoiling force (grip)	GDM	Kgf	3,00	3,00	3,00	3,00	3,00

* MD - Machine Direction | * CD - Cross Direction | * NT - Untreated Face

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