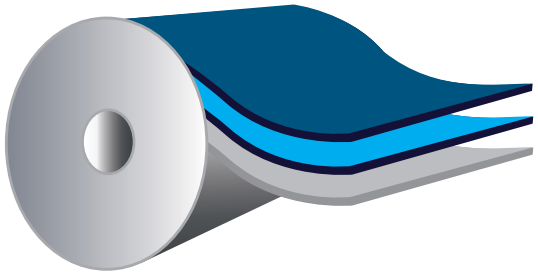
CHIRIPAL
POLY FILMS LIMITED



METALLIZED BOPET FILM

PRODUCT DESCRIPTION

Chiripal Poly Films CPT31-HM30 is Metalized on chemical coated side & other side corona treated.
This film is available with metal wound inside or Metal wound outside

FEATURES

- Excellent Metal Adhesion
- Excellent mechanical and dimensional stability
- Excellent moisture and Oxygen barrier
- Excellent Machinability and dimensional stability over a wide range of temperature

APPLICATION

- Flexible packaging for high barrier application like milk powder, coffee, and other confectionary

PROPERTIES		UNIT	TEST METHOD	CP08T31-HM 30	CP10T31-HM 30	CP12T31-HM 30
Nominal Thickness		Micron	Internal Method	8	10	12
		Gauge		32	40	48
Yield		m^2/kg		89.2	71.4	59.6
Optical Density		-	Tobias Instrument	3.0+/-5%	3.0+/-5%	3.0+/-5%
Metal Bond Strength		gm/25mm	Internal Method	500	500	500
MECHANICAL PROPERTIES (Min)						
Tensile Strength	MD	Kg/cm^2	ASTM D-882	2200	2200	2200
	TD			2100	2100	2100
Elongation Break	MD	%	ASTM D-882	100	100	100
	TD			90	90	90
THERMAL PROPERTIES (Max)						
Thermal Shrinkage (at 150°C /30 mins)	MD	%	ASTM D-1204	2.4	2.4	2.4
	TD			0.4	0.4	0.4
SURFACE PROPERTIES (Max)						
COF (Metal to Film)	Static	-	ASTM D-1894	0.75	0.75	0.75
	Dynamic			0.65	0.65	0.65
SURFACE TENSION						
Corona Treated Side		Dyne/cm	ASTM D-2578	56	56	56
BARRIER PROPERTIES						
WVTR, 37.7°C, 90% RH		gm/m^2 /day	ASTM F-1249	0.3	0.3	0.3
O2 Permeability 23°C, 0%RH		cm^3/m^2 /day	ASTM D-3985-95	0.5	0.5	0.5

Note : MD – Machine Direction, TD – Transverse Direction, COF - Co-efficient of Friction

Updated as on September 2021

FOOD CONTACT : Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request

STORAGE & HANDLING : A storage temperature below 30°C & humidity 55±5 % is recommended in orderto avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay,which can affect the quality of printing and coating. It is advisable to use the material on FIFO basis.

DISCLAIMER: The property given in the technical data sheet do not constitute product specification but represent typical performance values based on the best of our knowledgeand believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Chiripal Polyfilm doesnot guarantee the typical values. Chiripal Poly reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

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