



Provisional

CHEMICAL COATED BOPET FILM

PRODUCT DESCRIPTION

Chiripal Poly Films CPT30 is Biaxially Oriented Transparent Polyester film with inside chemical coated and outside plain. Chemical coated side is suitable for Printing and metallizing also. This is also available as outside chemical coated and inside plain

FEATURES

- ▶ Excellent stiffness & mechanical properties.
- ▶ Chemical coating enhances the ink adhesion in printing and metal adhesion in metalizing.
- ▶ Very Good surface properties along with excellent transparency.
- ▶ Excellent machine ability & dimensional stability over a wide range of temperature.
- ▶ Suitable for water and solvent based ink system

APPLICATION

- ▶ Packaging for dry food & Confectionary like milk powder, tea, coffee, Juice in powder form etc
- ▶ It is also suitable for less aggressive medium like shampoo, honey, liquor, oil etc.

PROPERTIES		UNIT	TEST METHOD	CP11T30	CP11.5T30	CP12T30	CP34T30
Nominal Thickness		Micron	Internal Method	11	11.5	12	34
		Gauge		44	46	48	136
Yield		m²/kg		64.9	62.1	59.6	21.0
MECHANICAL PROPERTIES (Min)							
Tensile Strength	MD	kg/cm²	ASTM	2200	2200	2200	1900
	TD		D-882	2100	2100	2100	1800
Elongation Break	MD	%	ASTM	100	100	100	110
	TD		D-882	90	90	90	100
THERMAL PROPERTIES (Max)							
Thermal Shrinkage (at 150°C /30 mins)	MD	%	ASTM D-1204	2.4	2.4	2.4	2.4
	TD			0.4	0.4	0.4	0.4
SURFACE PROPERTIES (Max)							
COF (Film to Film)	Static	-	ASTM D-1894	0.48	0.48	0.48	0.48
	Dynamic			0.42	0.42	0.42	0.42
SURFACE TENSION							
Plain Side		Dyne/cm	ASTM D-2578	44	44	44	44
Coated Side				56	56	56	56
OPTICAL PROPERTIES							
Haze (Max)		%	ASTM D-1003	3.0	3.0	3.0	4.0
Light Transmission			ASTM D-1003	88	88	88	88
BARRIER PROPERTIES							
WVTR, 37.7°C, 90% RH		gm/m² /day	ASTM F-1249	40	40	40	40
O2 Permeability 23°C, 0%RH		cm³/m² /day	ASTM D-3985-95	130	130	130	130

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

DISCLAIMER: The property given in the present technical data sheet does not constitute product specification but represents typical performance values based on the best of our knowledge and believed to be accurate. These are given in good faith, and the Customer is requested to satisfy its suitability for its particular purpose. The user is solely responsible for the end-use of the product and needs to perform tests to confirm the product suitability/compatibility in all respects. Chiripal Poly Films does not guarantee typical values and reserves the right to change the technical datasheet anytime required to enhance the quality of the products without prior information.