



CHEMICAL COATED BOPET FILM

PRODUCT DESCRIPTION

Chiripal Poly Films CPT40 is Biaxially Oriented Transparent Polyester film with inside Antistatic coated and outside plain. Plain side is suitable for Printing. This is also available as outside Antistatic chemical coating and inside plain.

FEATURES

- ▶ Excellent stiffness & mechanical properties.
- ▶ Chemical coating side improve the Antistatic properties and resulting good in processibility
- ▶ Excellent transparency and surface properties.
- ▶ Excellent machine ability & dimensional stability over a wide range of temperature.
- ▶ Excellent surface resistivity

APPLICATION

- ▶ Use for Electronic Packaging (ESD bags, CMOS)
- ▶ Use for Food packaging like Muffin cup
- ▶ Use for high speed FFS machine

PROPERTIES		UNIT	TEST METHOD	CP08T40	CP10T40	CP12T40
Nominal Thickness		Micron	Internal Method	8	10	12
		Gauge		32	40	48
Yield		m²/kg		89.2	71.4	59.6
MECHANICAL PROPERTIES (Min)						
Tensile Strength	MD	kg/cm²	ASTM	2200	2200	2200
	TD		D-882	2100	2100	2100
Elongation Break	MD	%	ASTM	100	100	100
	TD		D-882	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 (Film to Film)	Static	-	ASTM	0.30	0.30	0.30
	Dynamic		D-1894	0.25	0.25	0.25
SURFACE TENSION						
Plain Side		Dyne/cm	ASTM D-2578	44	44	44
Coated Side				48	48	48
Surface Resistivity		ohm	ohm/Square	10*10	10*10	10*10
OPTICAL PROPERTIES						
Haze (Max)		%	ASTM D-1003	3.0	3.0	3.0
Light Transmission			ASTM D-1003	88	88	88
BARRIER PROPERTIES						
WVTR, 37.7°C, 90% RH		gm/m² /day	ASTM F-1249	40	40	40
O2 Permeability 23°C, 0%RH		cm³/m² /day	ASTM D-3985-95	130	130	130

Note : 36 Micron is available on request

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.