



CLEAR FILM BOPET FILM

PRODUCT DESCRIPTION

Chiripal Poly Films CPC00 is Biaxially Oriented Clear Transparent Polyester film with both side plain

FEATURES

- Excellent clarity and transparency
- Good adhesion to inks, lacquers and adhesive
- Excellent mechanical & thermal properties.

APPLICATION

- Printing, labels, imaging and other industrial application
- Metallizing for "mirror finish"

PROPERTIES		UNIT	TEST METHOD	CP23C00	CP30C00	CP36C00
Nominal Thickness		Micron	Internal Method	23	30	36
		Gauge		92	120	144
Yield		m²/kg		31.1	24	20
MECHANICAL PROPERTIES						
Tensile Strength	MD	kg/cm²	ASTM	2100	2000	1900
	TD		D-882	2000	1900	1800
Elongation Break	MD	%	ASTM	100	100	110
	TD		D-882	90	90	100
THERMAL PROPERTIES						
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	0.54	0.54	0.54
	Dynamic		D-1894	0.46	0.46	0.46
SURFACE TENSION						
Plain Side		Dyne/cm	ASTM D-2578	44	44	44
OPTICAL PROPERTIES						
Haze (Max)		%	ASTM D-1003	<2.0	<2.0	<2.0
Light Transmission			ASTM D-1003	92.0	92.0	92.0
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 : 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.