



## CHEMICAL COATED BOPET FILM

### PRODUCT DESCRIPTION

Chiripal Poly Films CPT100 is Bi-axially Oriented Transparent Polyester film with inside chemical coated and outside Plain. Chemical coated side is suitable for printing. This is Melamine free Acrylic Coated film

### FEATURES

- ▶ Excellent performance in Retort and Pasteurization
- ▶ Excellent stiffness & mechanical properties
- ▶ Coating side enhances the ink adhesion in printing
- ▶ Excellent transparency and surface properties
- ▶ Excellent machine ability & dimensional stability over a wide range of temperature.
- ▶ It gives excellent inter layer bond strength in laminates.

### APPLICATION

- ▶ Used for high performance applications like Pasteurization, Retort (Semi and Full Retort condition)
- ▶ Suitable for aggressive medium and condition like Hot fills, other liquid packaging

PROPERTIES		UNIT	TEST METHOD	CP08T100	CP10T100	CP12T100
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 D-1894	0.45	0.45	0.45
	Dynamic			0.35	0.35	0.35
SURFACE TENSION						
Plain Side		Dyne/cm	ASTM D-2578	44	44	44
Coated Side				42	42	42
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 : 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.