



## PLAIN UNTREATED BOPET FILM

### PRODUCT DESCRIPTION

Chiripal Poly Films CPT00 is Bi-axially Oriented Transparent Polyester film with both sides plain or untreated.  
The plain side is suitable for Printing or lamination

### FEATURES

- ▶ Excellent stiffness & mechanical properties
- ▶ Excellent transparency and surface properties
- ▶ Excellent machinability and dimensional stability over a wide temperature range

### APPLICATION

- ▶ Packing- Printing and Lamination application
- ▶ Plasma metallization
- ▶ Industrial application like insulative tapes

PROPERTIES		UNIT	TEST METHOD	CP08 T00	CP10 T00	CP12 T00	CP19 T00
Nominal Thickness	Micron	kg/cm <sup>2</sup>	Chiripal Method	8	10	12	19
	Gauge			32	40	48	76
Yield	m <sup>2</sup> /kg			89.2	71.4	59.6	37.6
MECHANICAL PROPERTIES (Min)							
Tensile Strength	MD	kg/cm <sup>2</sup>	ASTM	2200	2200	2200	2200
	TD		D-882	2100	2100	2100	2100
Elongation Break	MD	%	ASTM	100	100	100	100
	TD		D-882	90	90	90	90
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	0.48	0.48	0.48	0.48
	Dynamic		D-1894	0.42	0.42	0.42	0.42
SURFACE TENSION							
Plain Side		Dyne/cm	ASTM D-2578	44	44	44	44
OPTICAL PROPERTIES							
Haze(MAX)		%	ASTM	3.0	3.0	3.0	3.5
Light Transmission		%	D-1003	88	88	88	88
BARRIER PROPERTIES							
WVTR, 37.7°C, 90% RH		gm/m <sup>2</sup> /day	ASTM F-1249	40	40	40	40
O2 Permeability 23°C, 0%RH		cm <sup>3</sup> /m <sup>2</sup> /day	ASTM D-3985-95	130	130	130	130

Note: MD – Machine Direction, TD – Transverse Direction

**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 knowledge and 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 does not 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.