



CHEMICAL COATED TWIST BOPET FILM

PROVISIONAL

PRODUCT DESCRIPTION

Chiripal Poly Films CPW70 is biaxially oriented transparent polyester film with inside Antistatic coating and outside plain. Plain side is suitable for Printing. This film is also available with outside coating and inside plain

FEATURES

- ▶ Good clarity and transparency
- ▶ Good adhesion to inks
- ▶ Excellent twistability and dead fold retention ability
- ▶ Suitable for high speed candy machine

APPLICATION

- ▶ Twist wrap for chocolate, lollipop, etc.
- ▶ Gift wrapping

PROPERTIES		UNIT	TEST METHOD	CP15W70	CP18W70	CP23W70
Nominal Thickness		Micron	Internal Method	15	18	23
		Gauge		60	72	92
Yield		m²/kg		47.6	39.7	31.1
MECHANICAL PROPERTIES (Min)						
Tensile Strength	MD	kg/cm²	ASTM	2400	2400	2400
	TD		D-882	2500	2500	2500
Elongation Break	MD	%	ASTM	100	100	100
	TD		D-882	90	90	90
THERMAL PROPERTIES						
Thermal Shrinkage (at 150°C /30 mins)	MD	%	ASTM	25	25	25
	TD			D-1204	30	30
SURFACE PROPERTIES (Max)						
COF (Film to film)	Static	-	ASTM	0.35	0.35	0.35
	Dynamic		D-1894	0.30	0.30	0.30
SURFACE TENSION						
Plain Side	-	Dyne/cm	ASTM D 2578	44	44	44
Coated Side	-	Dyne/cm	ASTM D 2578	48	48	48
OPTICAL PROPERTIES						
Haze (max.)		%	ASTM D-1003	3.5	4.0	4.5
Light Transmission		%	ASTM D-1003	88	88	88
OTHER PROPERTIES						
Twist Ability		-	Internal Method	Excellent	Excellent	Excellent
Dead Fold Ability						
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.