



PRODUCT DESCRIPTION

Clear BOPET film, one side PVDC coated and other side plain

FEATURES

- ▶ Resistance to pasturization
- ▶ Outstanding barrier properties- moisture, oxygen, and aroma even at high humidity conditions
- ▶ Excellent dimensional stability, stiffness and mechanical properties
- ▶ PVDC coated BOPET films can be easily laminated with other substrates
- ▶ Excellent printability on coated side

APPLICATION

- ▶ Suitable for pasteurization/sterilization and hot/heat resistant applications
- ▶ Laminates with extended shelf-life and aroma barrier like PET/PVDC/INK/PE
- ▶ Suitable for flexographic and gravure printing
- ▶ Suitable for "see-through" applications

Note:

Pasteurization Test Condition (CPFL method)- Boiling at 100°C in water for 60 minutes. Tape test (Scotch 03M 610) on dried sample after cooling period of 30 min.

ONE SIDE PVDC COATED BOPET FILM

PROPERTIES		UNIT	TEST METHOD	CCP12HBP	CCP13HBP	CCP14HBP
Nominal Thickness		Micron	Internal Method	12	13	14
		Gauge		48	52	56
		Mil		0.48	0.52	0.56
Unit Weight(± 5%)		gm/m ²		16.5	17.9	19.3
		lbs/ream		10.1	10.9	11.8
Yield		m ² /kg		60.6	55.8	51.8
		in ² /lb		42606	39231	36419
MECHANICAL PROPERTIES						
Tensile Strength	MD	kg/cm ²	ASTM D-882	1800 - 2200		
	TD			2000 - 2300		
	MD	psi		25569 - 31251		
	TD			28410 - 32671		
Elongation Break	MD	%	ASTM D-882	90 - 110		
	TD			70 - 90		
THERMAL PROPERTIES						
Thermal Shrinkage (150°C /30 mins)	MD	%	ASTM D-1204	< 2.5		
	TD			< 0.5		
SURFACE PROPERTIES						
Co-efficient of Friction (A/B)	Dynamic	-	ASTM D-1894	0.30 - 0.45		
Surface Tension	Coated side	Dynes/cm	ASTM D-2578	> 54		
OPTICAL PROPERTIES						
Haze	(max.)	%	ASTM D-1003	5.0		
BARRIER PROPERTIES						
WVTR,38°C,90% RH(max.)		gm/m ² /day	ASTM F-1249	8.0 - 10.0		
		gm/100in ² /day		0.52 - 0.65		
OTR,23°C,0% RH(max.)		cc/m ² /day	ASTM D-3985	8.0 - 10.0		
		cc/100in ² /day		0.52 - 0.65		

Note: MD – Machine Direction, TD – Transverse Direction

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.