



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

Nominal Thickness								
Cauge Mil	PROPERTIES		UNIT	TEST METHOD	CCP12HBP	CCP13HBP	CCP14HBP	
Mil Unit Weight(± 5%)	Nominal Thickness		Micron		12	13	14	
Unit Weight(±5%) gm/m² Internal Method 16.5 17.9 19.3 Yield m²/kg 10.1 10.9 11.8 Yield m²/kg 60.6 55.8 51.8 MECHANICAL PROPERTIES HMD 42606 39231 36419 MECHANICAL PROPERTIES TD kg/cm² 2000 - 2200 2000 - 2300 MD ASTM D-882 25569 - 31251 28410 - 32671 28410 - 32671 Elongation Break MD ASTM D-882 70 - 90 70 - 90 THERMAL PROPERTIES Thermal MD ASTM D-1204 < 0.5			Gauge		48	52	56	
Ibs/ream m²/kg in²/lb 60.6 55.8 51.8 42606 39231 36419			Mil		0.48	0.52	0.56	
M²/kg 60.6 55.8 51.8 MECHANICAL PROPERTIES Tensile Strength MD kg/cm² 1800 - 2200 MD ASTM D-882 25569 - 31251 TD psi 90 - 110 Elongation Break MD 90 - 110 TD % ASTM D-882 70 - 90 THERMAL PROPERTIES Thermal MD ASTM D-1204 < 0.5	Unit Weight(± 5%)		gm/m²	Internal Method	16.5	17.9	19.3	
In²/lb			lbs/ream		10.1	10.9	11.8	
MECHANICAL PROPERTIES Tensile Strength MD kg/cm² 2000 - 2300 MD ASTM D-882 25569 - 31251 TD psi 28410 - 32671 Elongation Break MD 90 - 110 TD % ASTM D-882 70 - 90 THERMAL PROPERTIES Thermal MD ASTM D-1204 < 0.5	Yield		m²/kg		60.6	55.8	51.8	
Tensile Strength			in²/lb		42606	39231	36419	
TD	MECHANICAL PROPERTIES							
MD	Tensile Strength	MD			1800 - 2200			
TD		TD	kg/cm²		2000 - 2300			
Elongation Break		MD		ASTM D-882	25569 - 31251			
TD		TD	psi		28410 - 32671			
THERMAL PROPERTIES Thermal MD < 2.5	Elongation Break	MD			90 - 110			
Thermal MD < 2.5 Shrinkage (150°C /30 mins) TD % ASTM D-1204 < 0.5		TD	%	ASTM D-882		70 - 90		
Shrinkage (150°C /30 mins) TD % ASTM D-1204 < 0.5 SURFACE PROPERTIES Co-efficient of Friction (A/B) Dynamic - ASTM D-1894 0.30 - 0.45 Surface Tension Coated side Pynes/cm ASTM D-2578 > 54 OPTICAL PROPERTIES Haze (max.) % ASTM D-1003 5.0 BARRIER PROPERTIES WVTR,38°C,90% RH(max.) gm/m²/day gm/100in²/day ASTM F-1249 8.0 - 10.0 0.52 - 0.65 0.52 - 0.65 0.52 - 0.65	THERMAL PROPERTIES							
SURFACE PROPERTIES	Thermal	MD			< 2.5			
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/m²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65		TD	%	ASTM D-1204	< 0.5			
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/m²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65	,							
Friction (A/B) 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/m²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65								
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/m²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65		Dynamic	-	ASTM D-1894	0.30 - 0.45			
OPTICAL PROPERTIES Haze (max.) % ASTM D-1003 5.0 BARRIER PROPERTIES WVTR,38°C,90% RH(max.) gm/m²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65								
Haze (max.) % ASTM D-1003 5.0 BARRIER PROPERTIES WVTR,38°C,90% RH(max.) gm/m²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65			Dynes/cm	ASTM D-2578	> 54			
BARRIER PROPERTIES WVTR,38°C,90% RH(max.) gm/m²/day gm/100in²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65								
WVTR,38°C,90% RH(max.) gm/m²/day ASTM F-1249 8.0 - 10.0 gm/100in²/day 0.52 - 0.65	Haze	(max.)	%	ASTM D-1003	5.0			
gm/100in²/day 0.52 - 0.65								
	WVTR,38°C,90% RH(max.)			ASTM F-1249				
			,					
	OTR,23°C,0% RH(max.)		cc/m²/day					
cc/100in²/day ASTM D-3985 0.52 - 0.65			cc/100in ² /day	ASTM D-3985	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.





