CHIRIPAL
POLY FILMS LIMITED

PACKAGING FILM

ONE SIDE PVDC COATED BOPET FILM

(Provisional TDS)

CCP-HB

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

FEATURES

Excellent printability on coated side.

Outstanding barrier properties- moisture, oxygen, and aroma even at high humidity conditions.

High transparency.

Excellent dimensional stability, stiffness and mechanical properties.

PVDC coated BOPET films can be easily laminated with other substrates.

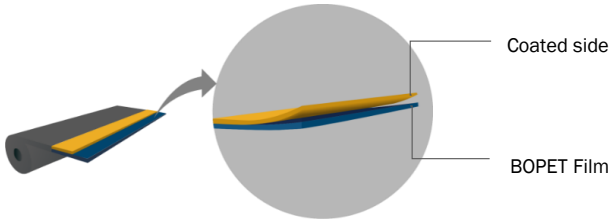
APPLICATION

Laminates with extended shelf-life and aroma barrier like PET/PVDC/INK/PE

Suitable for flexographic and gravure printing.

Suitable for "see-through" applications.

Not recommended for pasteurization/sterilization and hot/heat resistant applications.



PROPERTIES		UNIT	TEST METHOD	CCP12HB	CCP13HB	CCP14HB
Nominal Thickness		Micron	Internal Method	12	13	14
		Gauge		48	52	56
		Mil		0.48	0.52	0.56
Unit Weight(± 5%)		gm/m²		16.5	17.9	19.3
		lbs/ream		10.1	10.9	11.8
Yield		m²/kg		60.6	55.8	51.8
		in^2/lb		42606	39231	36419
MECHANICAL PROPERTIES						
Tensile Strength	MD	N/mm2	ASTM D-882	177-215		
	TD			196-225		
	MD	psi		25601-31290		
	TD			28446-32712		
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)	Dy	-	ASTM D-1894	0.50-0.55		
Surface Tension	PVDC Coated side	Dyne/cm	ASTM D-2578	>50		
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		
		$gm/100in^2$/day		0.5		
OTR,23°C,0% RH(max.)		cc/m^2/day	ASTM D-3985	8		
		$cc/100in^2$/day		0.5		

Note: MD – Machine Direction, TD – Transverse Direction

STORAGE & HANDLING

A storage temperature below 30°C & humidity 55±5 % is recommended in order to avoid any deterioration of the film surface properties. Excess humidity and heat can cause problem such as fast treatment decay,which can affect the quality of printing and coating. It is recommended to use the material on FIFO basis and within six months from the date of production.

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 and customer is requested to satisfy its 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 Polyfilm reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.