



Acrylic Coated Surface
BOPP Film
PVDC Coated Surface

PACKAGING FILM

PRODUCT DESCRIPTION

One side acrylic coated & other side PVDC coated BOPP film . It is suitable as plain, surface printed unsupported or reverse printed in laminations.

FEATURES

- Suitable for printing with wide variety of printing process like rotogravure and flexography.
- Good optical properties.
- Very good barrier to water vapour, gases and aromas
- Excellent sealing property with PVDC
- Outstanding gloss and transparency
- Excellent dimensional stability, stiffness and mechanical properties.
- Good printability on Acrylic side
- Suitable for "see-through" applications

APPLICATION

- Suitable for use as a single film or in laminate structures with very good barrier to water vapour, gases and aroma.

PROPERTIES		UNIT	TEST METHOD	CCB 26AP	CCB 28AP	CCB 31AP	CCB 36AP	CCB 38AP	CCB 41AP	CCB 53AP
Nominal Thickness	Micron	Internal Method	26	28	31	36	38	41	53	
	Gauge		104	112	124	144	152	164	212	
	Mil		1.04	1.12	1.24	1.44	1.52	1.64	2.12	
Unit Weight(± 5%)	gm/m²		25.4	26.7	29	33.6	35.5	38.2	49.2	
	lbs/ream		15.6	16.4	17.8	20.6	21.7	23.4	30	
Yield	m²/kg		39.4	37.5	34.5	29.7	28	26.1	20.3	
	in²/lb		27701	26332	24255	20881	19685	18350	14290	
MECHANICAL PROPERTIES										
Tensile Strength	MD	kg/cm²	ASTM D-882	1245 - 1550						
	TD			2650-3000						
	MD	psi		17685-22018						
	TD			37643-42615						
Elongation Break	MD	%	D-882	140-220						
	TD			40-90						
THERMAL PROPERTIES										
Thermal	MD	%	ASTM D-1204	2.0-5.0						
Shrinkage (at 120°C /5 mins)	TD			1.0-3.0						
Seal intiation temperature	AC/AC	°C	Internal Method	95						
	PVDC/PVDC			105						
Heat seal strength (at 120°C/2 Bar/1 sec)	AC/AC	gm/25mm	Internal Method	>400						
	PVDC/PVDC			>450						
SURFACE PROPERTIES										
COF (Dynamic)	AC/AC	-	ASTM D-1894	0.25 - 0.35						
	PVDC/PVDC			0.35-0.45						
Surface Tension	Coated side	Dynes/cm	ASTM D-2578	> 38						
OPTICAL PROPERTIES										
Haze		%	ASTM D-1003	2 – 3						
Gloss(45°)		Gardener	ASTM D-2457	100-105						
BARRIER PROPERTIES										
WVTR,38°C,90% RH(max.)	gm/m²/day	ASTM	4.2	4.0	3.8	3.6	3.5	3.0	2.7	
	gm/100in²/day	F-1249	0.27	0.26	0.25	0.23	0.22	0.19	0.17	
OTR,23°C,0% RH(max.)	cc/m²/day	ASTM	30	30	30	30	30	30	30	
	cc/100in²/day	D-3985	1.9	1.9	1.9	1.9	1.9	1.9	1.9	

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.