



## BOTH SIDE ACRYLIC COATED BOPP FILM

### PRODUCT DESCRIPTION

Both side acrylic coated clear BOPP film. It is suitable as plain, surface printed unsupported or reverse printed in laminations

### FEATURES

- Both side acrylic coated for versatility in overwraps
- Excellent print-reception, vapour and aroma barrier
- Broad sealing range and high seal strength
- Capable of sealing A/A, B/B and A/B face
- Outstanding gloss and transparency
- Excellent dimensional stability, stiffness and mechanical properties
- Suitable for "see-through" applications

### APPLICATION

- Overwrap for Boxes, ream-wrap frozen food, household products, personal care products

PROPERTIES		UNIT	TEST METHOD	CCB25 AA	CCB27 AA	CCB30 AA	CCB35 AA	CCB40 AA
Nominal Thickness ( ± 5%)		Micron	Internal Method	25	27	30	35	40
		Gauge		100	108	120	140	160
		Mil		1.0	1.08	1.2	1.4	1.6
Unit Weight		gm/m²		22.8	24.6	27.4	31.9	36.5
		lbs/ream		13.9	15.0	16.8	19.5	22.4
Yield		m²/kg		44	41	37	31	27
		in²/lb		30935	28825	26013	21795	18982
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	%	ASTM	140-220				
	TD		D-882	40-90				
THERMAL PROPERTIES								
Thermal Shrinkage (at 120°C /5 mins)	MD	%	ASTM D-1204	2.0-5.0				
	TD			1.0-3.0				
Seal initiation temperature		°C	Internal Method	85				
Heat seal strength (at 120°C/2 Bar/1sec)		gm/25mm		>400				
SURFACE PROPERTIES								
COF	Dynamic	-	ASTMD-1894	0.25 - 0.35				
Surface Tension	Coated Side	Dynes/cm	ASTMD-2578	> 38				
OPTICAL PROPERTIES								
Haze(max.)		%	ASTM D-1003	2.0				
Gloss(45°)		Gardener	ASTM D-2457	85-90				
BARRIER PROPERTIES								
WVTR,38°C,90% RH (max.)		gm/m²/day	ASTM	6				
		gm/100in²/day	F-1249	0.4				
OTR,23°C,0%RH (max.)		cc/m²/day	ASTM	1350				
		cc/100in²/day	D3985	87				
Note: MD – Machine Direction. TD – Transverse Direction. COF - Co-efficient of Friction								

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**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.