



ONE SIDE ACRYLIC COATED BOPP FILM

PROVISIONAL

PRODUCT DESCRIPTION

One side acrylic coated and other side treated clear BOPP film

FEATURE

- One side acrylic coated for versatility in overwraps
- Excellent print-reception and aroma barrier
- Broad sealing range and high seal strength
- Low seal threshold on acrylic coated surface
- Excellent hot tack on acrylic coated surface
- Outstanding gloss and transparency
- High seal strength
- Excellent dimensional stability, stiffness and mechanical

APPLICATION

- Overwrap for Boxes and food packaging

PROPERTIES		UNIT	TEST METHOD	CCB20A	CCB25A	CCB30A	CCB34A
Nominal Thickness		Micron	Internal Method	20	25	30	34
		Gauge		80	100	120	136
		Mil		0.8	1	1.2	1.4
Unit Weight (± 5%)		gm/m²		18.4	22.75	27.3	31
		lbs/ream		11.3	13.9	16.7	19.0
Yield		m²/kg		54.3	44.0	36.6	32.3
		in²/lb		38210	30904	25753	22680
MECHANICAL PROPERTIES							
Tensile Strength	MD	Kg/cm²	ASTM D-882	1250-1350			
	TD			2650-3000			
	MD	psi		17778-19201			
	TD			37690-39824			
Elongation Break	MD	%	ASTM D-882	180-200			
	TD			50-60			
THERMAL PROPERTIES							
Thermal Shrinkage (at 120°C /5 mins)	MD	%	ASTM D-1204	<5.0			
	TD			<3.0			
Heat seal strength 120°C/2 Bar/1sec)	Acrylic /Acrylic	gm/25mm	Internal Method	>400			
SURFACE PROPERTIES							
COF (Dy.)	Acrylic /Acrylic	--	ASTMD 1894	0.25-0.35			
Surface Tension		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 F 1249	6			
		gm/100in²/day		0.4			

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.