



PRODUCT DESCRIPTION

Chiripal Poly Films NMT is coextruded film having one side Matte, other side glossy corona treated BOPP film.

PROPERTIES	UNIT	TEST METHOD	CB15NI-MT	CB18NI-MT	CB20NI-MT	CB25NI-MT	CB30NI-MT
Nominal Thickness (±5%)	Micron	Chiripal Method	15	18	20	25	30
	Gauge		60	72	80	100	120
Unit Weight (±5%)	Gm/m ²		13.0	15.6	17.3	21.6	26.0
Yield	M ² /kg		77.1	64.2	57.8	46.2	38.5

MECHANICAL PROPERTIES

Tensile Strength	MD	kg/cm ²	ASTM D-882	1100 - 1300			
	TD			2200 - 2600			
Elongation Break	MD	%	ASTM D-882	150 - 220			
	TD			40 - 80			

THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0			
	TD			<3.0			

PRODUCT FEATURES

- * Excellent Matte appearance
- * Excellent anchorage of inks & adhesives
- * Excellent antistatic and slip properties
- * Good dimensional stability

SURFACE PROPERTIES

Coefficient of Friction (F/F NT Side)	Dy	-	ASTM D-1894	0.35 - 0.45			
Surface Tension (min)		Dyne/cm	ASTM D-2578	38			

OPTICAL PROPERTIES

Haze	%	ASTM D-1003	> 75				
Gloss at 45°	%	ASTM D-2457	<10				

OPTICAL PROPERTIES

WVTR, 38°C, 90% RH	gm/m ² /day	ASTM F 1249	7.5	7.0	6.8	5.7	5.4
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Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated

* Film is non Sealable upto 120 ° C

APPLICATIONS

- * Paper and board lamination
- * Printed posters/ calendars/ book covers lamination
- * Reverse printing and lamination
- * Conversion

* Available in inside / outside corona treated as per customer requirement

FOOD CONTACT

Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request

STORE & 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 advisable to use the material 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 but it is for the customer to satisfy of the 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 Poly reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.