

## TECHNICAL DATA SHEET

Matty non heat sealable, corona treated on both side for lamination.

## PRODUCT DESCRIPTION

Chiripal Poly Films NMT is extruded film having one side Matty and other side glossy non heat sealable corona treated on both side, excellent contact clarity, slip and antistatic properties for use in printing and lamination application. Both corona treated side is designed for anchorage of various lamination adhesive.

## PRODUCT FEATURES

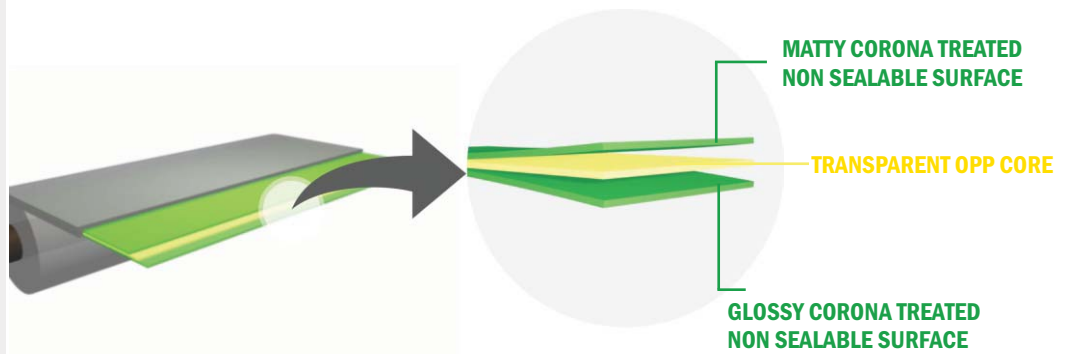
- Excellent dispersion
- Excellent Matty appearance
- Excellent anchorage of inks and adhesives
- Very good antistatic and slip properties
- Very good surface treatment retention
- Good dimensional stability

## 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

## SHEET STRUCTURE



## TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT	CB12NB-MT	CB13NB-MT	CB15NB-MT	CB18NB-MT	CB20NB-MT	CB25NB-MT	CB30NB-MT
Nominal Thickness (±3.0%)	ASTM D-374	Micron	12	13	15	18	20	25	30
		(Gauge)	48	52	60	72	80	100	120
Unit weight	Internal	gm/m <sup>2</sup>	10.2	11.1	12.8	15.4	17.1	21.4	25.9
Yield	Internal	m <sup>2</sup> /kg	98.0	90.0	78.1	64.9	58.5	46.7	38.6
Treatment Level	ASTM D-2578	dyne/cm	38 min						
Coefficient of Friction	ASTM D-1894	Kinetic	0.35-45						
Haze	ASTM D-1003	%	> 75						
Gloss (matty side) at 45°	ASTM D-2457	-	<10						
Tensile Strength at Break	ASTM D-882	kg/cm <sup>2</sup>	MD	1100					
			TD	2200					
		(KPsi)	MD	15.6					
			TD	31.2					
Elongation at Break	ASTM D-882	%	MD	180					
			TD	70					
Thermal Shrinkage (at 120°C / 5 min)	Internal	%	MD	<5.0					
			TD	<3.0					
WVTR (38°C & 90% RH)	ASTMF-1249	gm/m <sup>2</sup> /day	8.0	8.0	7.5	7.0	6.5	5.7	5.4
		(gm/100in <sup>2</sup> /day)	0.52	0.52	0.48	0.45	0.42	0.37	0.35

MD – Machine Direction, TD – Transverse Direction, NT – Non Treated

## FOOD CONTACT

Chiripal Poly Films complies with EC and FDA regulations. Specific document and MSDS are available on request.

## STORAGE & HANDLING

Chiripal Poly Films do not require special storage conditions. 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, film becomes more hazy / slippery which can affect the quality of printing and coating. It is advisable to use the material on FIFO basis. The film should be conditioned in operating environment for 24 hours before any kind of processing. CP-Films is best suitable for use up to 6 months from 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 Poly Films Ltd. does not guarantee the typical values. Chiripal Poly Films Ltd. reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.