CHIRIPAL

CHIRIPAL POLYFILMS LIMITED

TECHNICAL DATA SHEET

Highly cavitated white non heat sealable corona treated both side, for label application.

PRODUCT DESCRIPTION

Chiripal Poly Films PLA(N) is white highly cavitated non heat sealable both side treated, low COF film with the outstanding opacity, antistatic properties designed for use in reel-fed wrap around & pressure sensitive label application. One side is high energy treated surface for printing, and other side is treated for facilitating anchorage with various hot melt and pressure sensitive adhesives. The film exhibits the consistent and improved slip properties.

PRODUCT FEATURES

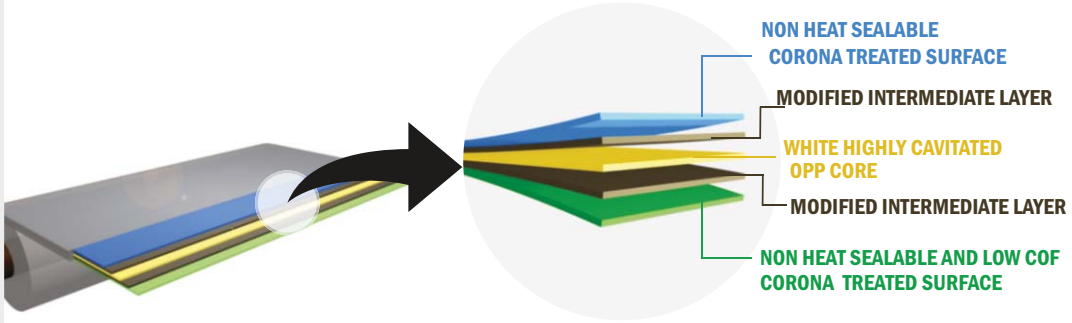
- Outstanding opacity and whiteness.
- Superb gloss.
- Exceptional printability
- Excellent hot melt anchorage
- Excellent antistatic and slip properties
- Very good stiffness & mechanical Properties
- High resistance to elongation on labelling machine
- Excellent surface treatment retention.
- Good mold resistance

APPLICATIONS

- Wrap around & pressure sensitive labels.
- Reel – Fed labels
- Printing & laminations
- Conversion

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

SHEET STRUCTURE



TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT		CB25NB-PLA	CB30NB-PLA	CB35NB-PLA	CB40NB-PLA	CB45NB-PLA
Nominal Thickness (±3.0%)	ASTM D-374	Micron		25	30	35	40	45
		(Gauge)		100	120	140	160	180
Unit weight	Internal	gm/m^2		14.4	17.3	20.2	23.1	26
Yield	Internal	m^2/kg		69.4	57.8	49.5	43.3	38.5
Transmittance	ASTM D-1003	%		32	30	28	26	24
Density	Internal	Gm/cc		0.58				
Treatment Level	ASTM D-2578	dyne/cm		38 min				
Coefficient of Friction	ASTM D-1894	Kinetic		0.28 - 0.30				
Gloss at 45°	ASTM D-2457	-		>50				
Tensile Strength at Break	ASTM D-882	kg/cm2	MD	700				
			TD	1300				
		(KPsi)	MD	9.9				
			TD	18.5				
Elongation at Break	ASTM D-882	%	MD	170				
			TD	60				
Thermal Shrinkage (at 120°C / 5 min)	Internal	%	MD	<4.0				
			TD	<2.0				

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.

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