CHIRIPAL

CHIRIPAL POLYFILMS LIMITED

TECHNICAL DATA SHEET

White highly cavitated non heat sealable corona treated both side, metallisable base film.

PRODUCT DESCRIPTION

Chiripal Poly Films PMZ is white highly cavitated non heat sealable, both side treated film, specifically designed to provide excellent metal adhesion and treatment retention after metallisation and other side is high glossy, high energy treated surface for printing, for use in reel-fed wrap around & pressure sensitive label application.

PRODUCT FEATURES

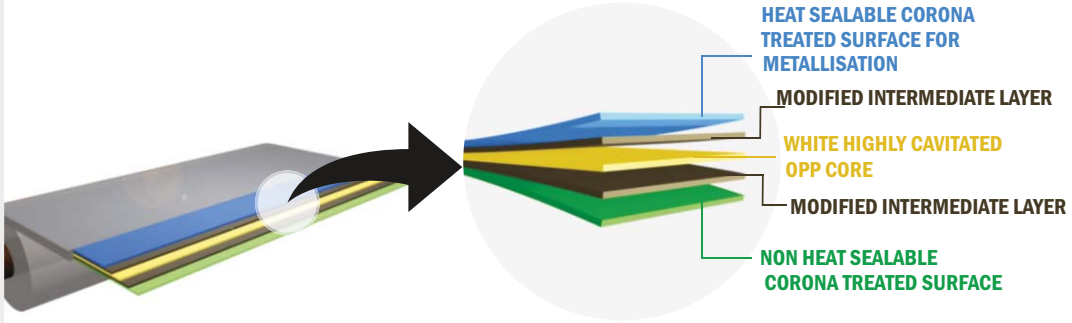
- Outstanding opacity and whiteness.
- Excellent anchorage to metal
- Exceptional printability
- Excellent hot melt anchorage
- Excellent antistatic and slip properties
- Very good stiffness & mechanical properties
- High resistance to elongation on labeling machine
- Excellent surface treatment retention.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

APPLICATIONS

- Base film for aluminum vacuum metallisation
- Printing & laminations
- Conversion

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

SHEET STRUCTURE



TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT		CB25NB-PMZ	CB30NB-PMZ	CB35NB-PMZ	CB40NB-PMZ	CB45NB-PMZ
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		69.5	58.1	49.7	43.4	38.5
Transmittance	ASTM D-1003	%		32	30	28	26	24
Gloss at 45^0	ASTM D-2457	-		>50				
Coefficient of Friction	ASTM D-1894	Kinetic		0.25 - 0.30				
Treatment level	ASTM D-2578	Dyne/cm		38 min				
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 120^0C / 5 min)	Internal	%	MD	<4.0				
			TD	<2.0				
WVTR (38^0C& 90% RH)	ASTMF-1249	gm/m^2/day		7.0	6.8	6.5	6.0	5.7
		$(gm/100in^2/day)$		0.48	0.44	0.42	0.39	0.37
OTR (23^0 C & 0% RH)	ASTM D-3985	cc/m^2/day		2000	1800	1800	1600	1600
		$cc/100in^2/day)$		129	116	116	103	103

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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