CHIRIPAL

CHIRIPAL POLYFILMS LIMITED

TECHNICAL DATA SHEET

White opaque heat sealable & low COF corona treated one side, for conversion.

PRODUCT DESCRIPTION

Chiripal Poly Films WLC is solid white opaque co-extruded both side heat sealable has one side low sealing threshold with low cof and other side corona treated film. Corona treated surface is specifically designed to provide excellent adhesion of ink and lamination adhesive during conversion. The non treated low heat-seal surface have very good seal strength and broad sealing range which gives optimum performance on wide range of packaging machines. The film exhibits the consistent and modified slip properties.

PRODUCT FEATURES

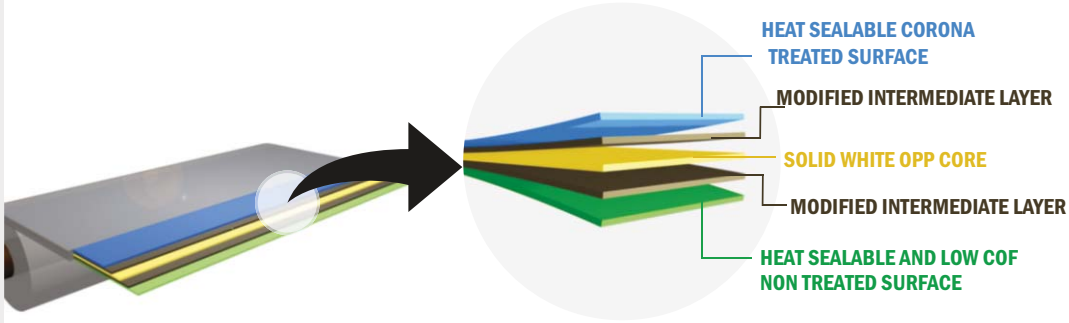
- Low seal initiation temperature & low COF
- Solid white appearance
- Outstanding opacity and whiteness
- Excellent sealing properties and hot tack
- Excellent printability and lamination
- Very good moisture barrier
- Very good light protection
- Good stiffness & mechanical Properties
- Excellent antistatic and slip properties

APPLICATIONS

- Single / two ply printing & lamination
- Confectionery, Bakery packaging
- Frozen food packaging
- Health and beauty care packaging
- High speed FFS machine packaging
- Pouching & overwrap

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

SHEET STRUCTURE



TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT		CB15HI-WLC	CB18HI-WLC	CB20HI-WLC	CB25HI-WLC	CB30HI-WLC	CB35HI-WLC	CB40HI-WLC
Nominal Thickness (±3.0%)	ASTM D-374	Micron		15	18	20	25	30	35	40
		(Gauge)		60	72	80	100	120	140	160
Unit weight	Internal	gm/m^2		14.1	16.9	18.8	23.6	28.3	33.1	37.8
Yield	Internal	m^2/kg		71.1	59.1	53.2	42.4	35.3	30.0	26.4
Transmittance	ASTM D-1003	%		48	45	43	40	38	36	34
Treatment Level	ASTM D-2578	dyne/cm		38 min						
Coefficient of Friction	ASTM D-1894	Kinetic (NT/NT)		0.25-0.28						
Gloss at 45°	ASTM D-2457	-		>50						
Tensile Strength at Break	ASTM D-882	kg/cm2	MD	1200						
			TD	2500						
		(KPsi)	MD	17.0						
			TD	35.6						
Elongation at Break	ASTM D-882	%	MD	180						
			TD	60						
Thermal Shrinkage (at 120°C / 5 min)	Internal	%	MD	<5.0						
			TD	<3.0						
Heat Seal Range (NT side)	Internal	°C		105-140						
Sealing Strength (NT side) (120°C / 2 Bar/1 sec)	Internal	gm/25mm		>400						
WVTR (38° C& 90% RH)	ASTMF-1249	$gm/m^2/day$		7.0	6.8	6.5	6.0	5.7	5.4	5.0
		$(gm/100in^2/day)$		0.48	0.44	0.42	0.39	0.37	0.35	0.32
OTR (23° C & 0% RH)	ASTM D-3985	$cc/m^2/day$		2000	1800	1800	1600	1600	1400	1400
		$cc/100in^2/day)$		129	116	116	103	103	90	90

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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