CHIRIPAL

CHIRIPAL POLYFILMS LIMITED

TECHNICAL DATA SHEET

Transparent heat sealable high COF, corona treated one side, for antiskid bags application.

PRODUCT DESCRIPTION

Chiripal Poly Films HKC is transparent heat sealable, one side corona treated, other side is non treated with high COF for use in printing and lamination for antiskid application. The corona treated side is designed for printing and lamination.

PRODUCT FEATURES

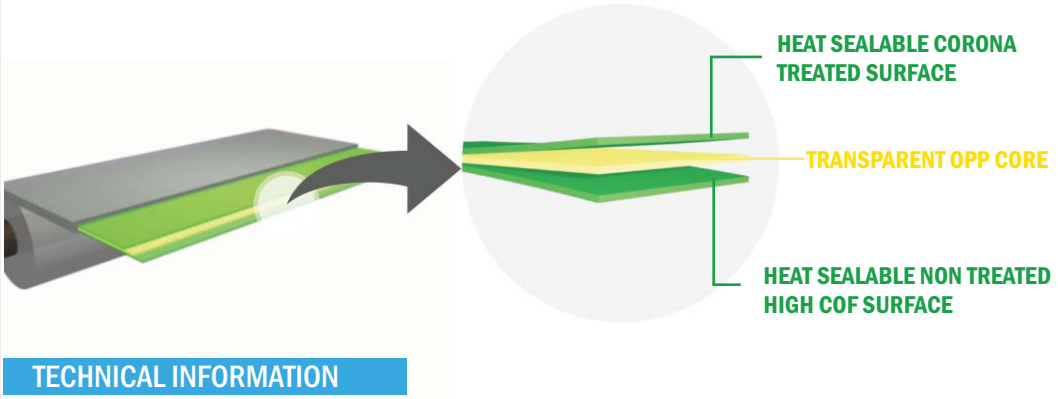
- High coefficient of friction
- Excellent transparency and high gloss
- Excellent anchorage of inks and adhesives
- Excellent surface treatment retention
- Excellent mechanical properties
- Excellent dimensional stability

APPLICATIONS

- Printing and lamination
- Antiskid for pet food bags application
- Conversion

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

SHEET STRUCTURE



TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT		CB15HI-KC	CB18HI-KC	CB20HI-KC	CB25HI-KC
Nominal Thickness (±3.0%)	ASTM D-374	Micron		15	18	20	25
		(Gauge)		60	72	80	100
Unit weight	Internal	gm/m^2		13.5	16.2	18.0	22.5
Yield	Internal	m^2/kg		74.2	61.7	55.5	44.4
Treatment Level	ASTM D-2578	dyne/cm		38 min			
Coefficient of Friction	ASTM D-1894	Kinetic		0.55-0.65			
Haze	ASTM D-1003	%		> 2.2			
Gloss at 45^0	ASTM D-2457	-		90			
Tensile Strength at Break	ASTM D-882	kg/cm2	MD	1250			
			TD	2800			
		(KPsi)	MD	17.8			
			TD	39.8			
Elongation at Break	ASTM D-882	%	MD	180			
			TD	70			
Thermal Shrinkage (at 120^0C / 5 min)	Internal	%	MD	<5.0			
			TD	<3.0			
Heat Seal Range (NT side)	Internal	^0C		110-140			
Sealing Strength (NT side) (120^0C / 2 Bar/1 sec)	Internal	gm/25mm		>400			
WVTR (38^0C & 90% RH)	ASTM F-1249	$gm/m^2/day$		7.0	6.5	6.5	6.0
		$(gm/100in^2/day)$		0.45	0.42	0.42	0.39

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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