


PRODUCT DESCRIPTION

Chiripal Poly Films HLC is transparent with both side heat sealable with one side corona treated film and other side low COF.

Corona treated surface is specifically designed to provide excellent adhesion of ink and lamination and non-treated heat seal surface having good sealing characteristics

PRODUCT FEATURES

- * Excellent sealing properties & hot tack
- * Low seal initiation temperature
- * Excellent antistatic and slip properties
- * Excellent printability and suitable for lamination with other substrates
- * Excellent optical properties
- * Excellent surface treatment retention

- * Very good barrier properties

APPLICATIONS

- * Single and two ply printing & lamination
- * High speed FFS machine packaging
- * Flexible packaging
- * Confectionery, Bakery & chips packing
- * General wrapping

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

PROPERTIES		UNIT	TEST METHOD	CB15HI-LC	CB18HI-LC	CB20HI-LC	CB25HI-LC	CB30HI-LC	CB35HI-LC	CB40HI-LC	CB50HI-LC	
Nominal Thickness	Micron		Chiripal Method	15	18	20	25	30	35	40	50	
	Gauge			60	72	80	100	120	140	160	200	
Yield		m2/kg		73.3	61.1	54.9	44.0	36.6	31.4	27.5	22.0	
MECHANICAL PROPERTIES												
Tensile Strength	MD	kg/cm ²	ASTM D-882									1350
	TD											2900
Elongation Break	MD	%	ASTM D-882									200
	TD											90
THERMAL PROPERTIES												
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204									<5.0
	TD											<3.0
Heat Seal Range (NT side)		Internal	%									105 - 140
Sealing Strength (NT side) (120°C/2 Bar/1 sec) Min.		Internal	gm/25mm	380	400	400	400	400	400	400	400	
SURFACE PROPERTIES												
Coefficient of Friction	Dy	-	ASTM D-1894									0.25 - 0.30
Surface Tension		Dyne/cm	ASTM D-2578									38 min
OPTICAL PROPERTIES												
Haze (max)		%	ASTM D-1003									2.0 - 2.5
Gloss at 45°		%	ASTM D-1003									90 - 95
BARRIER PROPERTIES												
WVTR, 37.7°C, 90% RH		gm/m ² /day	ASTM F 1249	7.0	6.8	6.5	6.0	5.7	5.4	5.0	4.8	
O2 Permeability 23°C, 0% RH		cm ³ /m ² /day	ASTM D 3985-95	2000	1800	1800	1600	1600	1400	1400	1350	

Note: MD – Machine Direction, TD – Transverse Direction

FOOD CONTACT

Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request

STORE & HANDLING

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, which can affect the quality of printing and coating. It is advisable to use the material on FIFO basis.

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 Polyfilm does not guarantee the typical values. Chiripal Poly reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

