


PRODUCT DESCRIPTION

Chiripal Poly Films HLS is transparent both side heat sealable with one side corona treated and other side low heat sealable and Ultra 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

PROPERTIES	UNIT	TEST METHOD	CB15HI-LS	CB18HI-LS	CB20HI-LS	CB25HI-LS	CB30HI-LS	CB40HI-LS	CB50HI-LS
Nominal Thickness (±5%)	Micron	Internal	15	18	20	25	30	40	50
	Gauge		60	72	80	100	120	160	200
Unit Weight	gm/m ²	Internal	13.7	16.4	18.2	22.8	27.3	36.4	45.5
Yield	M ² /kg		73.3	61.1	54.9	44.0	36.6	27.5	22.0

MECHANICAL PROPERTIES

Tensile Strength	MD	kg/cm ²	ASTM D-882	1200 - 1500					
	TD			2800 - 3100					
Elongation Break	MD	%	ASTM D-882	150 - 230					
	TD			40 - 80					

THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0					
	TD			<3.0					
Heat Seal Range (NT side)		°C	Internal	105-140					
Sealing Strength (NT side) (120°C/2 Bar/1 sec)		gm/25mm	Internal	350	>400				

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
- * Ultra Low COF on Untreated surface

SURFACE PROPERTIES

Coefficient of Friction (F/F NT Side)	Dy	-	ASTM D-1894	0.15 - 0.25					
Surface Tension(min)		Dyne/cm	ASTM D-2578	38					

OPTICAL PROPERTIES

Haze (max)	%	ASTM D-1003	2.5	3.0
Gloss at 45°	%	ASTM D-2457	85 - 90	

Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated

APPLICATIONS

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

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 within six month from the 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 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.

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