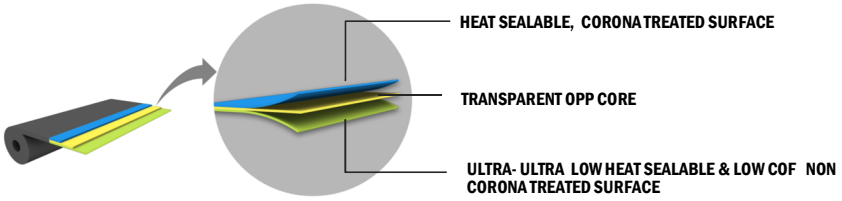
CHIRIPAL
POLY FILMS LIMITED

UUC **BOPP FILM**



PRODUCT DESCRIPTION

Chiripal Poly Films UUC is transparent both side heat sealable with one side corona treated and other side ultra-ultra low heat sealable and low COF.

PROPERTIES		UNIT	TEST METHOD	CB18HI-UUC	CB25HI-UUC	CB30HI-UUC	CB35HI-UUC	CB40HI-UUC	CB50HI-UUC
Nominal Thickness (± 5%)		Micron	Internal	18	25	30	35	40	50
		Gauge		72	100	120	140	160	200
Unit Weight(± 5%)		gm/m²		16.4	22.8	27.3	31.9	36.4	45.5
Yield		m2/kg		61.1	44.0	36.6	31.4	27.5	22.0
MECHANICAL PROPERTIES									
Tensile Strength	MD	kg/cm²	ASTM D-882	1200 - 1500					
	TD			2800 - 3100					
Elongation Break	MD	%	ASTM D-882	150 - 250					
	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)		ºC	Internal	87 - 140					
Sealing Strength (NT side) (120°C/2 Bar/1 sec)		gm/25mm	Internal	>400					
SURFACE PROPERTIES									
Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.25 - 0.35					
Surface Tension (min)		Dyne/cm	ASTM D-2578	38					
OPTICAL PROPERTIES									
Haze (max)		%	ASTM D-1003	3.0					
Gloss at 45°		%	ASTM D-2457	85 - 90					

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

PRODUCT FEATURES

* Excellent sealing properties & hot tack
* Ultra-ultra Low SIT
* Excellent antistatic and slip properties
  lamination with other substrates
* Excellent optical properties

APPLICATIONS

* Single and two ply printing & lamination
* Very high speed FFS machine
  packaging application
* Flexible packaging
* Confectionery, Bakery & chips packing
* Available in inside / outside corona treated as per customer requirement

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.