


PROVISIONAL
PRODUCT DESCRIPTION

Chiripal Poly Films UCS is transparent one side corona treated & both side heat sealable biaxial oriented polypropylene film.

PROPERTIES	UNIT	TEST METHOD	CB15HI-UCS	CB18HI-UCS	CB20HI-UCS
Nominal Thickness (± 5%)	Micron	Internal	15	18	20
	Gauge		60	72	80
Unit Weight(± 5%)	gm/m ²		13.7	16.4	18.2
Yield	m2/kg		73.3	61.1	54.9

MECHANICAL PROPERTIES

Tensile Strength	MD	kg/cm ²	ASTM D-882	1300 - 1600
	TD			2800 - 3200
Elongation Break	MD	%	ASTM D-882	180 - 220
	TD			40 - 80

THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	4.0 - 6.0
	TD			1.0 - 3.0
Heat Seal Range (NT side)		°C	Internal	95 - 140
Sealing Strength (NT side) (120°C/2 Bar/1 sec) (min.)		Gm/25mm	Internal	350

PRODUCT FEATURES

- * Excellent stiffness.
- * Ultra Low seal initiation temperature.
- * Excellent ink receptivity.
- * Low coefficient of friction.
- * Good optical properties.

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	%	ASTM D-1003	1.5 - 2.5
Gloss at 45°	-	ASTM D-2457	85 - 90

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

APPLICATIONS

- * Mono layer Straw packing
- * Single/ two ply printing & lamination
- * High speed FFS machine packaging application
- * Confectionery, Bakery & chips packing

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

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

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.