



PRODUCT DESCRIPTION

Chiripal Poly Films SI is transparent co-extruded with one side heat sealable and other side corona treated film.

PROPERTIES	UNIT	TEST METHOD	CB10SI	CB12SI	CB15SI	CB20SI	CB25SI	CB30SI	CB40SI	CB50SI
Nominal Thickness ($\pm 5\%$)	Micron	Internal	10	12	15	20	25	30	40	50
	Gauge		40	48	60	80	100	120	160	200
Unit Weight($\pm 5\%$)	Gm/m ²		9.1	10.9	13.7	18.2	22.8	27.3	36.4	45.5
Yield	M ² /kg		109.9	91.6	73.3	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 - 3200						
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)		°C	Internal	105 - 140						
Sealing Strength (NT side) (120°C/2 Bar/1 sec)		gm/25mm	Internal	250 - 350			>400			

PRODUCT FEATURES

- * Good sealing properties & hot tack on sealable side
- * Good printability and suitable for lamination with other substrates
- * Good optical properties
- * Good stiffness & mechanical property

SURFACE PROPERTIES

Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.30 - 0.40						
Surface Tension (min) (Tr Side)		Dyne/cm	ASTM D-2578	38						

OPTICAL PROPERTIES

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

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

APPLICATIONS

- * Single & two ply printing & lamination
- * Flexible packaging
- * Biscuit inner wrap
- * 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 \pm 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.

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