



#### PRODUCT DESCRIPTION

Chiripal Poly Films MKC is extruded film both side heat sealable having matte appearance on one side with high COF surface, and corona treated glossy surface on other side

PROPERTIES	UNIT	TEST METHOD	CB18HI-MKC	CB20HI-MKC	CB30HI-MKC
Nominal Thickness ( $\pm 5\%$ )	Micron	Internal	18	20	30
	Gauge		72	80	120
Unit Weight ( $\pm 5\%$ )	gm/m <sup>2</sup>		15.6	17.3	26.0
Yield	m <sup>2</sup> /kg		64.2	57.8	38.5
Density	gm/cc		0.865		

#### MECHANICAL PROPERTIES(MIN)

Tensile Strength	MD	kg/cm <sup>2</sup>	ASTM D-882	1100 - 1400	
	TD			2200 - 2600	
Elongation Break	MD	%	ASTM D-882	150 - 230	
	TD			40 - 90	

#### THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0	
	TD			<3.0	

#### PRODUCT FEATURES

- \* Antiskid properties on Matt surface
- \* Excellent dispersion
- \* Excellent Matte appearance
- \* Excellent anchorage of inks and adhesive
- \* Excellent surface treatment retention
- \* Good dimensional stability

Heat Seal Range	Matte	°C	Internal	110 - 140	
	Glossy			110 - 140	
Sealing Strength (120°C / 2Bar / 1 Sec)	Matte	Gm/25mm	Internal	800	

#### SURFACE PROPERTIES

Coefficient of Friction (Matt/Matt)	Static	-	ASTM D-1894	> 0.7	
Surface Tension (min)		Dyne/cm	ASTM D-2578	38	

#### OPTICAL PROPERTIES

#### APPLICATIONS

- \* Antiskid pouch for PET food
- \* Reverse printing / lamination
- \* Printed posters / calendars / book covers
- \* Conversion

Haze	%	ASTM D-1003	> 65	
Gloss at 45° (Matt Side)	-	ASTM D-2457	< 10	

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

#### 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