



PRODUCT DESCRIPTION

Chiripal Poly Films MO-PLAS is white cavitaded, one side glossy corona treated surface other side untreated, BOPP film.

PROPERTIES

UNIT

TEST METHOD

CB30MO-PLAS	CB35MO-PLAS	CB38MO-PLAS	CB40MO-PLAS
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Nominal Thickness (± 5%)	Micron	Chiripal Method	30	35	38	40
	Gauge		120	140	152	160
Unit Weight (± 5%)	gm/m ²		20.4	23.8	25.8	27.2
Yield	m ² /kg		49.0	42.0	38.7	36.8
Density	gm/cc		0.68			

MECHANICAL PROPERTIES

Tensile Strength	MD	kg/cm ²	ASTM D-882	600 - 900		
	TD			1200 - 1600		
Elongation Break	MD	%	ASTM D-882	120 - 180		
	TD			25 - 80		

THERMAL PROPERTIES

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<4.0		
	TD			<2.0		

SURFACE PROPERTIES

Coefficient of Friction (NP/NP)	Dy	-	ASTM D-1894	0.20 - 0.30		
Surface Tension (min)		Dyne/cm	ASTM D-2578	38		

OPTICAL PROPERTIES

Transmittance	%	ASTM D-1003	32	28	26	25
Gloss at 45°	%	ASTM D-2457	> 80			

Note: MD – Machine Direction, TD – Transverse Direction, NP-Non Printable Side

PRODUCT FEATURES

- * Very good stiffness & Mechanical properties suitable for high-speed labelling
- * Brilliant pearlescent white appearance
- * Excellent antistatic and slip properties
- * Excellent printability
- * Excellent opacity and high gloss

APPLICATIONS

- * Wrap around label application
- * Pressure sensitive label application

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.