



PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB50NI-IMLMT
IML-MT is a Matte, injection- in mould label film , one sides treated .	Nominal Thickness (± 5%)		Micron	Chiripal Method	45
			Gauge		180
	Unit Weight (± 5%)		gm/m²		38.9
	Yield		m2/kg		25.7
	MECHANICAL PROPERTIES				
	Tensile Strength	MD	kg/cm²	ASTM D-882	1100 - 1400
		TD			2400 - 2800
	Elongation Break	MD	%	ASTM D-882	180 - 260
		TD			50 - 90
	THERMAL PROPERTIES				
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<3.0	
	TD			<1.5	
PRODUCT FEATURES	SURFACE PROPERTIES				
* Matte appearance * Good chargeability & antistatic property * Excellent die cutting	Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.30 - 0.40
	Surface Tension		Dyne/cm	ASTM D-2578	38
	OPTICAL PROPERTIES				
	Gloss at 45°	Matte	%	ASTM D-2457	< 10
	Haze		%	ASTM D-1003	> 75
	Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated				
	APPLICATIONS	FOOD CONTACT			
* Injection - In Mould Label * Printing-Rotogravure, flexographic and off-set *Indication of surface treatment:- IML-MT is supplied with treatment on glossy side for printing, and untreated matt surface for injection moulding. *Available in inside / outside corona treated as per customer requirement	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 recommended to use the material within six months from the date of production.				
	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.				