



PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB50NB-IMLOP	CB60NB-IMLOP	CB70NB-IMLOP
IML-OP is a white, cavitated, injection- in mould label film , both sides treated for orange peel effect after injection moulding.	Nominal Thickness (± 5%)		Micron	Chiripal Method	50	60	70
			Gauge		200	240	280
	Unit Weight (± 5%)		gm/m²		30	36	42
	Yield		m2/kg		33.3	27.8	23.8
	Density		gm/cc		0.60		
	MECHANICAL PROPERTIES						
	Tensile Strength	MD	kg/cm²	ASTM D-882	500 - 800		
		TD			1200 - 1500		
	Elongation Break	MD	%	ASTM D-882	130 - 210		
		TD			30 - 80		
THERMAL PROPERTIES							
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<4.0			
	TD			<2.0			
PRODUCT FEATURES	SURFACE PROPERTIES						
Orange peel effect after injection moulding	Coefficient of Friction (NP/NP)	Dy	-	ASTM D-1894	0.20 - 0.30		
Very High yield							
White appearance	Surface Tension		Dyne/cm	ASTM D-2578	38		
Good chargeability and antistatic property	OPTICAL PROPERTIES						
Excellent die cutting	Transmittance		%	ASTM D-1003	20 - 30		
	Gloss at 45°	PRINT	%	ASTM D-2457	>80		
	Note: MD – Machine Direction, TD – Transverse Direction, NP - Non Print Side						
APPLICATIONS	FOOD CONTACT						
Injection - In Mould Label	Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request						
Printing-Rotogravure, flexographic and off-set	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.						
*Indication of surface treatment:-	DISCLAIMER						
IML-OP is supplied with treatment on outside surface for printing and treatment on the inside surface for injection moulding.	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.						