



PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB50NB-IMLSW	CB60NB-IMLSW
IML-SW is a solid white, injection- in mould label film , both sides treated.	Nominal Thickness (± 5%)		Micron	Chiripal Method	50	60
			Gauge		200	240
	Unit Weight (± 5%)		gm/m²		47.5	57.0
	Yield		m2/kg		21.1	17.5
	MECHANICAL PROPERTIES					
	Tensile Strength	MD	kg/cm²	ASTM D-882	900 - 1300	
		TD			2000 - 2800	
	Elongation Break	MD	%	ASTM D-882	170 - 290	
		TD			40 - 90	
	THERMAL PROPERTIES					
	Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<4.0	
		TD			<2.0	
PRODUCT FEATURES	SURFACE PROPERTIES					
Superior Glossy effect after injection moulding. Solid White appearance. Good chargeability and antistatic property.	Coefficient of Friction (NP/NP)	Dy	-	ASTM D-1894	0.20- 0.35	
	Surface Tension		Dyne/cm	ASTM D-2578	38	
	OPTICAL PROPERTIES					
	Transmittance		%	ASTM D-1003	18 - 28	
	Gloss at 45° (Printable Surface)		%	ASTM D-2457	50 - 60	
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						
<u>*Indication of surface treatment:-</u> IML-SW is supplied with treatment on outside surface for printing and treatment on the inside surface for injection moulding.	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.					
Corporate Office: Chiripal House Shivranjani Cross Road Satellite, Ahmedabad-380015 India films.marketing@chiripalgroup.com www.chiripalpolyfilms.in (QA/SP/16) Last update 01/02/2024						