



PROVISIONAL

PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB15NI-MCS	CB18NI-MCS	CB20NI-MCS	CB25NI-MCS
Chiripal Poly films MCS is one side untreated matte with cold seal release property and other side with glossy treated surface	Nominal Thickness (± 5%)		Micron	Chiripal Method	15	18	20	25
			Gauge		60	72	80	100
	Unit Weight (± 5%)		gm/m²		13.0	15.6	17.3	21.6
	Yield		m2/kg		77.1	64.2	57.8	46.2
	Density		gm/cc		0.865			
	MECHANICAL PROPERTIES							
	Tensile Strength	MD	kg/cm²	ASTM D-882	1100 - 1400			
		TD			2200 - 2600			
	Elongation Break	MD	%	ASTM D-882	140 - 190			
		TD			50- 80			
	THERMAL PROPERTIES							
	Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0			
TD		<3.0						
PRODUCT FEATURES	SURFACE PROPERTIES							
* Improved release properties in cold seal * Excellent antistatic and modified - slip properties	Coefficient of Friction (NT/NT)		Dy	-	ASTM D-1894	0.25 - 0.35		
	Surface Tension		Dyne/cm		ASTM D-2578	38 min		
	OPTICAL PROPERTIES							
	Haze		%		ASTM D-1003	> 75		
	Gloss at 45°		-		ASTM D-2457	< 10		
	Note: MD – Machine Direction, TD – Transverse Direction , NT - Non treated							
APPLICATIONS	FOOD CONTACT							
* Reverse printing and lamination * Release layer in laminated structures with cold seal application	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							
*Available in inside / outside corona treated as per customer requirement	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							
Corporate Office: Chiripal House Shivranjani Cross Road Satellite, Ahmedabad-380015 India films.marketing@chiripalgroup.com www.chiripalpolyfilms.in (QA/SP/16) Last update: 01/01/2025								