


**PROVISIONAL**

PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB25HI-PLS	CB30HI-PLS	CB35HI-PLS	CB40HI-PLS	CB50HI-PLS
Chiripal Poly Films PLS is white cavitated co-extruded both side heat sealable film has one side non treated, low sealing threshold with Ultra low COF and other side is normal sealable corona treated.	Nominal Thickness		Micron	Internal	25	30	35	40	50
			Gauge		100	120	140	160	200
	Unit Weight (± 5%)		gm/m²		17.5	21.0	24.5	28.0	35.0
	Yield		m2/kg		57.1	47.6	40.8	35.7	28.6
	MECHANICAL PROPERTIES								
	Tensile Strength	MD	kg/cm²	ASTM D-882	600 - 800				
		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				
	Heal Seal Range (NT side)		°C	Internal	105-140				
	Sealing Strength (NT side) (120°C/2 Bar/1 sec)		gm/25mm	Internal	≥400				
	PRODUCT FEATURES	SURFACE PROPERTIES							
* Ultra Low COF Surface for High Speed Packaging Application * Excellent pearlescent white appearance * Excellent sealing properties & hot tack * Low seal initiation temperature * Excellent antistatic & slip properties * Excellent printability & suitable for lamination with other substrates * Very good stiffness & mechanical Properties	Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.15 - 0.25				
	Surface Tension (min)		Dyne/cm	ASTM D-2578	38				
	OPTICAL PROPERTIES								
	Transmittance		%	ASTM D-1003	36	34	32	30	26
	Gloss at 45°		-	ASTM D-2457	≥50				
Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated									
APPLICATIONS	FOOD CONTACT				Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request				
* Single / two ply printing & lamination * Food packaging for snacks, ice cream and others * Confectionery, Bakery packaging * Health and beauty care packaging * Pouching & overwrap * High speed FFS machine packaging	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.								
* Available in inside / outside corona treated as per customer requirement									