



PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB30HI- MS	CB35HI- MS	CB40HI- MS	CB45HI- MS	CB50HI- MS
Chiripal Poly Films HMS is transparent coextruded one side corona treated and other side low heat sealable with low cof surface.	Nominal Thickness (±5%)		Micron	Internal	30	35	40	45	50
			Gauge		120	140	160	180	200
	Unit Weight (± 5%)		gm/m²		27.3	31.9	36.4	41.0	45.5
	Yield		m2/kg		36.6	31.4	27.5	24.4	22.0
	MECHANICAL PROPERTIES								
	Tensile Strength	MD	kg/cm²	ASTM D-882	1200 - 1500				
		TD			2800 - 3100				
	Elongation Break	MD	%	ASTM D-882	150 - 250				
		TD			40 - 90				
	THERMAL PROPERTIES								
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0					
	TD			<3.0					
Heat 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								
* Free from migratory additives	Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.25 - 0.35				
* Excellent process ability during coating									
* Good stiffness & mechanical Properties	Surface Tension		Dyne/cm	ASTM D-2578	38				
* High surface gloss and transparency	OPTICAL PROPERTIES								
	Haze (max)		%	ASTM D-1003	3.0				
	Gloss at 45°		%	ASTM D-2457	85 - 90				
	Note: MD – Machine Direction, TD – Transverse Direction, NT - Non Treated								
APPLICATIONS	FOOD CONTACT								
* Base film for silicone coating	Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request								
* Suitable for aluminium vacuum metallisation	STORE & HANDLING								
* Printing Lamination	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.								
*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 change the technical data sheet at any time for enhancing the quality of the products without prior information.								
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