



PRODUCT DESCRIPTION	PROPERTIES	UNIT	TEST METHOD	CB25NB-CLA	CB30NB-CLA	CB35NB-CLA	CB38NB-CLA	CB40NB-CLA	CB50NB-CLA
Chiripal Poly Films CLA is transparent, both side corona treated for lamination in labelling application. The modified high energy side is suitable for printing.	Nominal Thickness (± 5%)	Micron	Chiripal Method	25	30	35	38	40	50
		Gauge		100	120	140	152	160	200
	Unit Weight ( ± 5%)	gm/m <sup>2</sup>		22.8	27.3	31.9	34.6	36.4	45.5
	Yield	m2/kg		44.0	36.6	31.4	28.9	27.5	22.0

**MECHANICAL PROPERTIES**

Tensile Strength	MD	kg/cm <sup>2</sup>	ASTM D-882	1200 - 1600					
	TD			2600 - 3400					
Elongation Break	MD	%	ASTM D-882	150 - 250					
	TD			30 - 90					

**THERMAL PROPERTIES**

Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0					
	TD			<3.0					

PRODUCT FEATURES	SURFACE PROPERTIES				
* Excellent gloss & transparency	Coefficient of Friction (NP/NP)	Dy	-	ASTM D-1894	0.20 - 0.30
* Excellent printability on higher surface energy side & receptivity to laminating adhesive in both the sides.					
	Surface Tension (min)		Dyne/cm	ASTM D-2578	38
	OPTICAL PROPERTIES				
* Excellent antistatic & modified slip	Haze (max)		%	ASTM D-1003	2.5
* Excellent machinability	Gloss at 45°		%	ASTM D-2457	>83
* Very good dimensional stability	Note: MD – Machine Direction, TD – Transverse Direction, NP - Non Print Side				

APPLICATIONS	FOOD CONTACT
* Wrap around & pressure sensitive labels.	Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request
* Roll – Fed labels	
* Printing & laminations	
* Suitable for high speed label machine	

**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