



PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB21NI-TG	CB23NI-TG	CB25NI-TG	CB28NI-TG	CB37NI-TG	CB40NI-TG	CB45NI-TG	CB50NI-TG	
Chiripal Poly Films NTG is transparent non heat sealable with one side corona treated, excellent clarity and gloss for use in textile bags manufacturing application.	Nominal Thickness (±5%)		Micron	Chiripal Method	21	23	25	28	37	40	45	50	
			Gauge		84	92	100	112	148	160	180	200	
	Unit Weight(± 5%)		gm/m²		19.1	20.9	22.8	25.5	33.7	36.4	41.0	45.5	
	Yield		m2/kg		52.3	47.8	44.0	39.2	29.7	27.5	24.4	22.0	
Corona treated surface to be kept outside after bag formation.	MECHANICAL PROPERTIES												
	Tensile Strength	MD	kg/cm²	ASTM D-882	1200 - 1500								
		TD			2800 - 3100								
	Elongation Break	MD	%	ASTM D-882	150 - 230								
		TD			40 - 80								
	THERMAL PROPERTIES												
	Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<4.0								
		TD			<2.0								
	PRODUCT FEATURES	SURFACE PROPERTIES											
	* Good flatness	Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.35 - 0.45							
* Excellent clarity and gloss													
* Good surface treatment retention	Surface Tension(min)		Dyne/cm	ASTM D-2578	38								
* Good mechanical properties													
* Good dimensional stability	OPTICAL PROPERTIES												
	Haze (max)		%	ASTM D-1003	<2.0			<2.5					
	Gloss at 45°		-	ASTM D-2457	90 - 95								
	Note: MD – Machine Direction, TD – Transverse Direction, NT-Non Treated Side												
APPLICATIONS	FOOD CONTACT												
* Textile bags	Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request												
* Manual wrapping Ream / Sheets													
* Flowers overwrap	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.												
* 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 knowledgeand 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.												