



PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB15NB-HR	CB18NB-HR	CB20NB-HR	CB25NB-HR
Chiripal Poly Films NB-HR is transparent non heat sealable with both side corona treated BOPP films. To replace BOPET film as printing layer in multi-layer laminates.	Nominal Thickness (±5%)		Micron	Internal	15.0	18.0	20.0	25.0
			Gauge		60.0	72.0	80.0	100.0
	Unit Weight		gm/m²		13.7	16.4	18.2	22.8
	Yield		m²/kg		73.3	61.1	54.9	44.0
	MECHANICAL PROPERTIES							
	Tensile Strength	MD	kg/cm²	ASTM D-882	1250 - 1550			
		TD			2800 - 3100			
	Elongation Break	MD	%	ASTM D-882	140 - 220			
		TD			30 - 80			
	THERMAL PROPERTIES							
	Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	< 5.0			
		TD			< 3.0			
PRODUCT FEATURES	SURFACE PROPERTIES							
* Sustainable & recyclable solution (Polyolefin laminate structure/same family)	Coefficient of Friction (F/F HR Side)	Dy	-	ASTM D-1894	0.20 - 0.30			
	Surface Tension (min)		dyne/cm					
* Excellent heat resistant	OPTICAL PROPERTIES							
* Excellent printability at high speed								
* Excellent dimensional stability	Haze		%	ASTM D-1003	2.0			
* Excellent hot slip properties	Gloss at 45°		-	ASTM D-1003	90 - 95			
	Note: MD – Machine Direction, TD – Transverse Direction,							
APPLICATIONS	FOOD CONTACT							
* Suitable for reverse printed top layer in laminates of multilayer-web	Chiripal Poly Films complies with EC and FDA regulations. Specific documents and MSDS are available upon request							
* Suitable for high speed FFS machine	STORE & HANDLING							
* Food & Non food packaging	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							
* BOPP/CPP or BOPP/PE structures are suitable for replacement of PET/PE structure	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.							