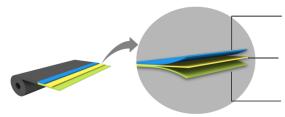


NTL

TRANSPARENT BOPP BASE FILM FOR THERMAL LAMINATION



CORONA TREATED
NON SEALABLE SURFACE

TRANSPARENT OPP CORE

NONTREATED SURFACE FOR BASE OF THERMAL LAMINATION

PRODUCT DESCRIPTION	PROPERTIES		UNIT	TEST METHOD	CB12NI-TL	CB15NI-TL	
Chiripal Poly Films NTL is transparent	Nominal Thickness (±5%)		Micron	Chiripal Method	12	15	
			Gauge		48	60	
	Unit Weight (± 5%)		gm/m²		10.9	13.7	
	Yield		m2/kg		91.6	73.3	
	MECHANICAL PROPERTIES						
	Tensile Strength	MD		ASTM D-882	1200 - 1400		
		TD	kg/cm²		2600 - 3000		
	Elongation Break	MD	% ASTM D-882		150 - 200		
		TD		ASTM D-882	50 - 90		
	THERMAL PROPERTIES						
	Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	<5.0		
		TD			<3.0		
	Min Heat Seal Temp. (NT side)		°C	Internal	100		
	Sealing Strength (NT side) (120°C/2 Bar/1 sec)		gm/25mm	Internal	>300		
PRODUCT FEATURES	SURFACE PROPERTIES						
* Excellent transparency & high gloss * Excellent anchorage of extrusion coating *Excellent processability during extrusion coating * Good surface treatment retention * Good mechanical properties * Good dimensional stability	Coefficient of Friction Out (NIT (NIT)) Dy		-	ASTM D-1894	0.40 - 0.50		
	(NT/NT) Surface Tension (min)		Dyne/cm	ASTM D-2578	3	88	
	OPTICAL PROPERTIES						
	Haze (max)		%	ASTM D-1003	2.5		
	Gloss at 45°		%	ASTM D-2457	90		
	Note: MD – Machine Dir	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

STORE & HANDLING

A storage temperature below 30°C & humidity 55±5 % is recommended in orderto 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 doesnot 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.

^{*} Base film for thermal lamination Extrusion coating