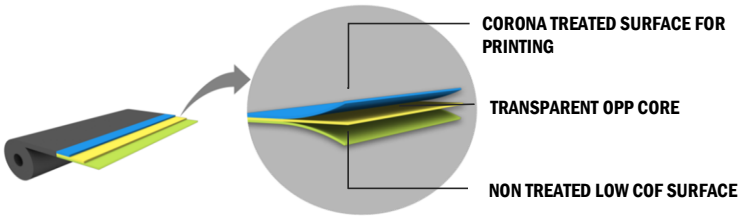
CHIRIPAL
POLY FILMS LIMITED

NIC | **BOPP FILM**



PRODUCT DESCRIPTION

Chiripal Poly Films NIC is transparent one side corona treated film, having excellent clarity, with high slip and antistatic properties for use in reverse printing and lamination application. The corona treated surface is designed for reverse printing & lamination and other side having low coefficient of friction.

PRODUCT FEATURES

* Excellent transparency & high gloss.
* Excellent printability & receptivity to laminating adhesive
* Excellent antistatic & slip properties

PROPERTIES		UNIT	TEST METHOD	CB10NI-C	CB12NI-C	CB15NI-C	CB18NI-C	CB20NI-C	CB25NI-C
Nominal Thickness (± 5%)		Micron	Chiripal Method	10	12	15	18	20	25
		Gauge		40	48	60	72	80	100
Unit Weight(± 5%)		Gm/m²		9.1	10.9	13.7	16.4	18.2	22.8
Yield		M^2/kg		109.9	91.6	73.3	61.1	54.9	44.0
MECHANICAL PROPERTIES									
Tensile Strength	MD	kg/cm²	ASTM D-882	1300 - 1600					
	TD			2800 - 3100					
Elongation Break	MD	%	ASTM D-882	150 -220					
	TD			40 - 80					
THERMAL PROPERTIES									
Thermal Shrinkage (at 120°C / 5 mins)	MD	%	ASTM D-1204	< 5.0					
	TD			< 3.0					
SURFACE PROPERTIES									
Coefficient of Friction (NT/NT)	Dy	-	ASTM D-1894	0.25 - 0.35					
Surface Tension(min)		Dyne/cm	ASTM D-2578	38					
OPTICAL PROPERTIES									
Haze (max)		%	ASTM D-1003	2.0					
Gloss at 45°		-	ASTM D-2457	90 - 95					

Note: MD – Machine Direction, TD – Transverse Direction, NT - Non treated

APPLICATIONS

* Reverse printing and lamination.
* Paper and board lamination
* Conversion
* Available in inside / outside corona treated as per customer requirement

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.

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.