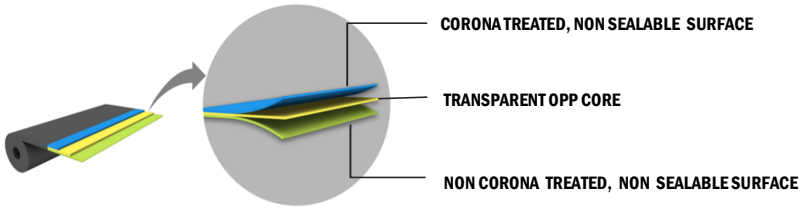
NI | BOPP FILM

CHIRIPAL POLY FILMS LIMITED



PRODUCT DESCRIPTION

Chiripal Poly Films NI is transparent non heat sealable corona treated on one side. This film having excellent clarity, slip and antistatic properties for use in printing and lamination.

PROPERTIES		UNIT	TEST METHOD	CB08NI	CB10NI	CB12NI	CB15NI	CB18NI	CB20NI	CB30NI	CB40NI
Nominal Thickness (± 5%)		Micron	Chiripal Method	8	10	12	15	18	20	30	40
		Gauge		32	40	48	60	72	80	120	160
Unit Weight(± 5%)		gm/m²		7.3	9.1	10.9	13.7	16.4	18.2	27.3	36.4
Yield		m2/kg		137.4	109.9	91.6	73.3	61.1	54.9	36.6	27.5
MECHANICAL PROPERTIES											
Tensile Strength	MD	kg/cm²	ASTM D-882	1300 - 1600							
	TD			2800 - 3200							
Elongation Break	MD	%	ASTM D-882	150 - 250							
	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	0.35 - 0.45							
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

PRODUCT FEATURES

* Excellent transparency & high gloss
* Excellent anchorage of inks and adhesives on treated side
* Good antistatic & slip properties
* Good surface treatment retention
* Good mechanical properties
* Good dimensional stability

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 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.