CHIRIPAL

CHIRIPAL POLYFILMS LIMITED

TECHNICAL DATA SHEET

Transparent non heat sealable corona treated both side, for printing and lamination

PRODUCT DESCRIPTION

Chiripal Poly Films NB is transparent non heat salable corona treated side, excellent clarity, slip and antistatic properties for use in printing and lamination application. Both corona treated side is designed for printing and lamination.

PRODUCT FEATURES

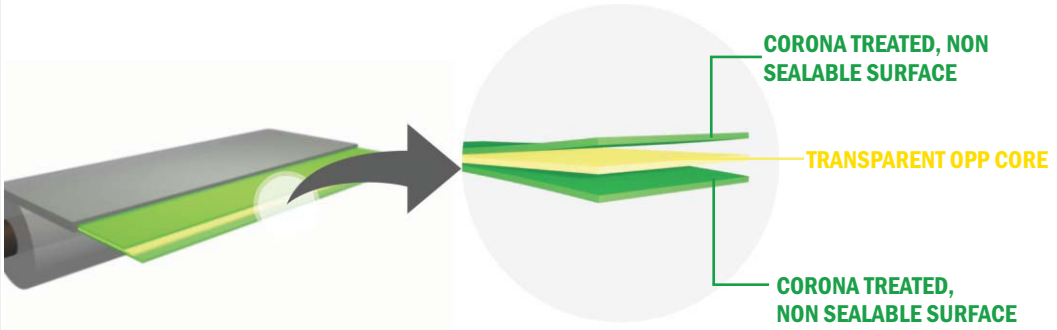
- Excellent transparency and high gloss
- Excellent anchorage of inks and adhesives
- Good antistatic and slip properties
- Good surface treatment retention
- Good mechanical properties
- Good dimensional stability

APPLICATIONS

- Paper and board lamination
- Printed posters / calendars / book covers lamination
- Conversion

* Available in inside / outside corona treated as per customer requirement

SHEET STRUCTURE



TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT		CB09NB	CB10NB	CB12NB	CB15NB	CB18NB	CB20NB	CB25NB
Nominal Thickness (±3.0%)	ASTM D-374	Micron		09	10	12	15	18	20	25
		(Gauge)		36	40	48	60	72	80	100
Unit weight	Internal	gm/m^2		8.0	8.9	10.7	13.5	16.2	18.0	22.5
Yield	Internal	m^2/kg		125	112.4	93.5	74.2	61.7	55.5	44.4
Treatment Level	ASTM D-2578	dyne/cm		38 min						
Coefficient of Friction	ASTM D-1894	Kinetic		0.35-0.40						
Haze	ASTM D-1003	%		1.5-2.0						
Gloss at 45^0	ASTM D-2457	-		95						
Tensile Strength at Break	ASTM D-882	kg/cm2	MD	1250						
			TD	2800						
		(KPsi)	MD	17.8						
			TD	39.8						
Elongation at Break	ASTM D-882	%	MD	180						
			TD	70						
Thermal Shrinkage (at 120^0C / 5 min)	Internal	%	MD	<5.0						
			TD	<3.0						
WVTR (38^0C& 90% RH)	ASTM F-1249	gm/m^2/day		8.0	7.5	7.5	7.0	6.5	6.5	6.0
		$(gm/100in^2/day)$		0.52	0.48	0.48	0.45	0.42	0.42	0.39

MD – Machine Direction, TD – Transverse Direction, NT– Non Treated

FOOD CONTACT

Chiripal Poly Films complies with EC and FDA regulations. Specific document and MSDS are available on request.

STORAGE & HANDLING

Chiripal Poly Films do not require special storage conditions. 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, film becomes more hazy / slippery which can affect the quality of printing and coating. It is advisable to use the material on FIFO basis. The film should be conditioned in operating environment for 24 hours before any kind of processing. CP-Films is best suitable for use up to 6 months from date of production.

DISCLAIMER

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Last Update 01-08-2013