

## TECHNICAL DATA SHEET

Transparent corona treated one side, for pressure sensitive adhesive tape.

## PRODUCT DESCRIPTION

Chiripal Poly Films NAT is transparent non heat salable corona treated one side, excellent clarity and gloss for use in Pressure Sensitive Adhesive Tape manufacturing application. The treated surface is specially designed for excellent anchorage of various water and solvent based PS adhesive.

## PRODUCT FEATURES

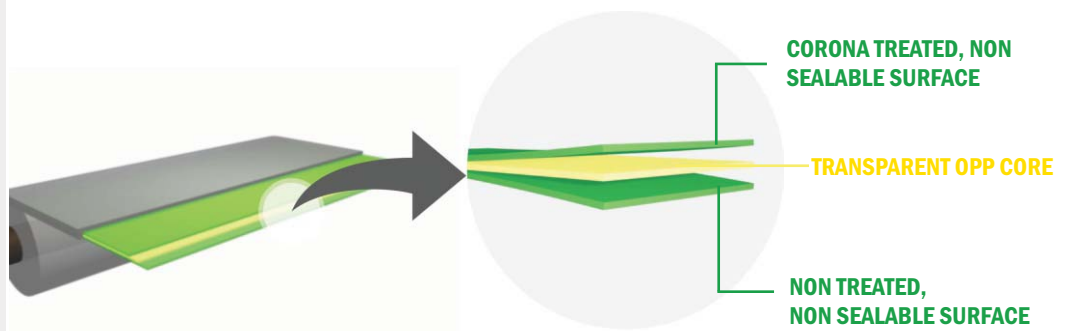
- Outstanding flatness
- Excellent clarity and gloss
- Excellent anchorage of PS adhesives on treated
- Good surface treatment retention
- No back treatment
- Excellent mechanical properties
- Good dimensional stability

## APPLICATIONS

- Base film for pressure sensitive adhesive tape
- Textile bags
- Flowers overwrap
- Manual wrapping Ream / Sheets

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

## SHEET STRUCTURE



## TECHNICAL INFORMATION

PROPERTIES	TEST METHOD	UNIT	CB22NI-AT	CB23NI-AT	CB24NI-AT	CB25NI-AT	CB29NI-AT
Nominal Thickness	ASTM D-374	Micron	22	23	24	25	29
		(Gauge)	88	92	96	100	116
Unit weight	Internal	gm/m <sup>2</sup>	19.3	20.7	21.7	22.6	26.2
Yield	Internal	m <sup>2</sup> /kg	51.8	48.2	46.2	44.4	36.2
Treatment Level	ASTM D-2578	dyne/cm	38 min				
Coefficient of Friction	ASTM D-1894	Kinetic (NT/NT)	0.40-0.45				
Haze	ASTM D-1003	%	1.5-2.0				
Gloss at 45°	ASTM D-2457	-	95				
Tensile Strength at Break	ASTM D-882	kg/cm <sup>2</sup>	MD	1400			
			TD	3000			
		(KPsi)	MD	19.9			
			TD	42.6			
Elongation at Break	ASTM D-882	%	MD	160			
			TD	60			
Modulus of elasticity	ASTM D-882	kg/cm <sup>2</sup>	MD	18000			
			TD	30000			
		(KPsi)	MD	256			
			TD	426			
Thermal Shrinkage (at 120°C / 5 min)	Internal	%	MD	<4.0			
			TD	<2.0			

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

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 Poly Films Ltd. does not guarantee the typical values. Chiripal Poly Films Ltd. reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.