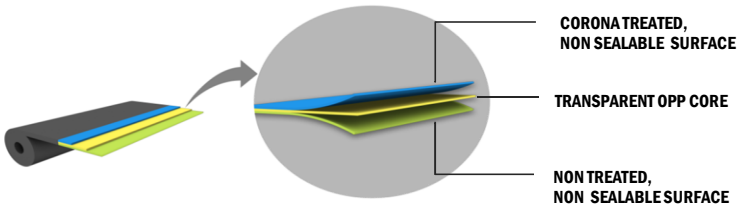
CHIRIPAL POLY FILMS LIMITED

**NAT** | **BOPP FILM**




## PRODUCT DESCRIPTION

Chiripal Poly Films NAT is transparent non heat salable with one side corona treated, 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..

| PROPERTIES | | UNIT | TEST METHOD | CB22NI-AT | CB23NI-AT | CB24NI-AT | CB25NI-AT | CB29NI-AT |
|---|---|---|---|---|---|---|---|---|
| Nominal Thickness (± 5%) | | Micron | Chiripal Method | 22 | 23 | 24 | 25 | 29 |
| | | Gauge | | 88 | 92 | 96 | 100 | 116 |
| Unit Weight(± 5%) | | gm/m² | | 20.0 | 20.9 | 21.8 | 22.8 | 26.4 |
| Yield | | m2/kg | | 50.0 | 47.8 | 45.8 | 44.0 | 37.9 |
| **MECHANICAL PROPERTIES** | | | | | | | | |
| Tensile Strength | MD | kg/cm² | ASTM D-882 | 1200 - 1500 | | | | |
| | TD | | | 2800 - 3100 | | | | |
| Elongation Break | MD | % | ASTM D-882 | 150 - 250 | | | | |
| | TD | | | 40 - 80 | | | | |
| **THERMAL PROPERTIES** | | | | | | | | |
| Thermal Shrinkage (at 120°C / 5 mins) | MD | % | ASTM D-1204 | <4.0 | | | | |
| | TD | | | <2.0 | | | | |
| **SURFACE PROPERTIES** | | | | | | | | |
| Coefficient of Friction (NT/NT) | Dy. | - | ASTM D-1894 | 0.35 - 0.45 | | | | |
| Surface Tension | | Dyne/cm | ASTM D-2578 | 38 (min) | | | | |
| **OPTICAL PROPERTIES** | | | | | | | | |
| Haze (max) | | % | ASTM D-1003 | 2.5 | | | | |
| Gloss at 45° | | % | ASTM D-2457 | 90 - 95 | | | | |

**Note: MD – Machine Direction, TD – Transverse Direction**

## 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
* Manual wrapping Ream / Sheets

* 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.