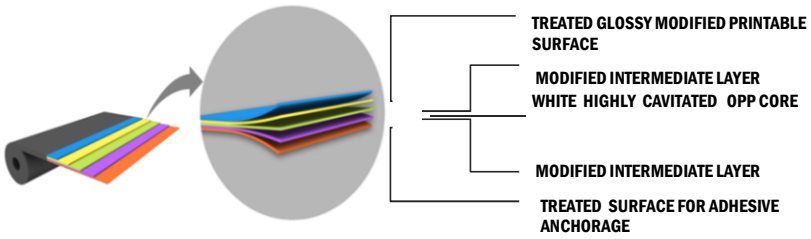
CHIRIPAL
POLY FILMS LIMITED

**PLL50** | **PEARL LABEL BOPP FILM**




## PRODUCT DESCRIPTION

Chiripal Poly Films PLL50 is white highly cavitated both side treated, low COF film with the outstanding opacity, antistatic properties designed for use in reel-fed wrap around & pressure sensitive label application.

## PRODUCT FEATURES

* Very High yield.
* Outstanding opacity and whiteness
* Exceptional printability
* Excellent hot melt anchorage
* Excellent antistatic & slip properties
  Very good stiffness & mechanical Properties
* Excellent surface treatment retention

| PROPERTIES | | UNIT | TEST METHOD | CB38-PLL50 |
|---|---|---|---|---|
| Nominal Thickness ( ± 5%) | | Micron | Chiripal Method | 38 |
| | | Gauge | | 152 |
| Unit Weight (± 5%) | | Gm/m² | | 20.9 |
| Yield | | $M^2$/kg | | 47.8 |
| Density | | gm/cc | | 0.55 |
| **MECHANICAL PROPERTIES** | | | | |
| Tensile Strength | MD | kg/cm² | ASTM D-882 | 400 - 800 |
| | TD | | | 900 - 1400 |
| Elongation Break | MD | % | ASTM D-882 | 100 - 180 |
| | TD | | | 15 - 60 |
| **THERMAL PROPERTIES** | | | | |
| Thermal Shrinkage (at 120°C / 5 mins) | MD | % | ASTM D-1204 | <4.0 |
| | TD | | | <2.0 |
| **SURFACE PROPERTIES** | | | | |
| Coefficient of Friction (NP/NP) | Dynamic | - | ASTM D-1894 | 0.20 - 0.35 |
| Surface Tension | | Dyne/cm | ASTM D-2578 | 38 |
| **OPTICAL PROPERTIES** | | | | |
| Transmittance | | % | ASTM D-1003 | 20 - 30 |
| Gloss at 45° | | % | ASTM D-2457 | 45 - 60 |

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

## APPLICATIONS

* Wrap around & pressure sensitive labels.
* Reel – Fed labels
* Printing & laminations
* Conversion

## 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.