



TWIST METALLIZED BOPET FILM

PROVISIONAL

PRODUCT DESCRIPTION

Chiripal Poly Films CPW10-SM is metallized twist film with metallized on corona side and other side plain. This film is available with metal wound inside or metal wound outside.

FEATURES

- ▶ Good metal adhesion
- ▶ Excellent twistability and dead fold retention ability
- ▶ Suitable for high speed candy machine

APPLICATION

- ▶ Twist wrap for chocolate, lollipop, etc.
- ▶ Gift wrapping

| PROPERTIES | | UNIT | TEST METHOD | CP15W10-SM | CP18W10-SM | CP23W10-SM |
|--|---------|-------------|-----------------|------------|------------|------------|
| Nominal Thickness | | Micron | Internal Method | 15 | 18 | 23 |
| | | Gauge | | 60 | 72 | 92 |
| Yield | | m²/kg | | 47.6 | 39.7 | 31.1 |
| Optical Density | | - | | 2.2+/-5% | 2.2+/-5% | 2.2+/-5% |
| MECHANICAL PROPERTIES (Min) | | | | | | |
| Tensile Strength | MD | kg/cm² | ASTM | 2400 | 2400 | 2400 |
| | TD | | D-882 | 2500 | 2500 | 2500 |
| Elongation Break | MD | % | ASTM | 100 | 100 | 100 |
| | TD | | D-882 | 90 | 90 | 90 |
| THERMAL PROPERTIES | | | | | | |
| Thermal Shrinkage (at 150°C /30 mins) | MD | % | ASTM D-1204 | 25 | 25 | 25 |
| | TD | | | 30 | 30 | 30 |
| SURFACE PROPERTIES (Max) | | | | | | |
| COF (Film to film) | Static | - | ASTM | 0.75 | 0.75 | 0.75 |
| | Dynamic | | D-1894 | 0.65 | 0.65 | 0.65 |
| SURFACE TENSION | | | | | | |
| Plain Side | - | Dyne/cm | ASTM D 2578 | 44 | 44 | 44 |
| OTHER PROPERTIES | | | | | | |
| Twist Ability | | - | Internal Method | Excellent | Excellent | Excellent |
| Dead Fold Ability | | | | | | |
| BARRIER PROPERTIES | | | | | | |
| WVTR (37.7°C, 90% RH) | | gm/m² /day | ASTM F-1249 | 0.8 | 0.8 | 0.8 |
| O2 Permeability (23°C, 0%RH) | | cm³/m² /day | ASTM D-3985-95 | 1.0 | 1.0 | 1.0 |

Note : MD – Machine Direction, TD – Transverse Direction, COF - Co-efficient of Friction

DISCLAIMER: The property given in the present technical data sheet does not constitute product specification but represents typical performance values based on the best of our knowledge and believed to be accurate. These are given in good faith, and the Customer is requested to satisfy its suitability for its particular purpose. The user is solely responsible for the end-use of the product and needs to perform tests to confirm the product suitability/compatibility in all respects. Chiripal Poly Films does not guarantee typical values and reserves the right to change the technical datasheet anytime required to enhance the quality of the products without prior information.