

Printing & Lamination (silky Matte Film)

PCT-1(Silky - BM) CSR

Provisional Data Sheet

Structure



Untreated, Silky, Matte OPP Layer
Additive Modified OPP Core
Treated, Silky, Matte OPP Layer

Description

It is a co-extruded, one side treated and both sides silky matte Bi-axially Oriented Polypropylene film.

Features

- Good printability
- Excellent machinability
- Unique optics

Applications

- Printing and Lamination
- Suitable for cold seal release application

| Properties | Ref. | Units | ASTM#/ Test Method | PCT-1(Silky - BM) CSR |
|-----------------------------------|--------------|---------------------|--------------------|-----------------------|
| Physical Data | | | | |
| Average Thickness | | Micron | D-374-C | 25 |
| | | Gauge | | 100 |
| | | Mils | | 1.0 |
| Thickness Variation | | %(±) | | 3 |
| Density | | g/cc | | 0.86 |
| Average substance | | g/m ² | | 21.5 |
| Surface Tension(min) | Treated Side | dynes/cm | D-2578 | 38 |
| Kinetic COF | UT-UT | | | 0.20 - 0.30 |
| Yield | | m ² /Kg | D-4321 | 46.5 |
| | | in ² /lb | | 32701 |
| Optical Data | | | | |
| Gloss (45°) | | Gardner | D-2457 | 20.0 - 30.0 |
| Haze | | % | D-1003 | 50.0 - 60.0 |
| Mechanical Data | | | | |
| Tensile Strength | MD | kg/cm ² | D-882 | 1100 - 1400 |
| | TD | | | 2300 - 2700 |
| Elongation | MD | % | D-882 | 140 - 200 |
| | TD | | | 30 - 70 |
| Thermal Data | | | | |
| Shrinkage (120°C/248 °F,5 min) | MD | % | D-1204 | 3.0 - 5.0 |
| | TD | | | 1.0 - 3.0 |

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications

Storage condition : Storage temperature to be maintained 25 Deg.C (+/-5 Deg C) & relative humidity 55% (+/-5%) to avoid accelerated reduction of surface treatment level.

Note : Gloss mentioned is at treated side

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