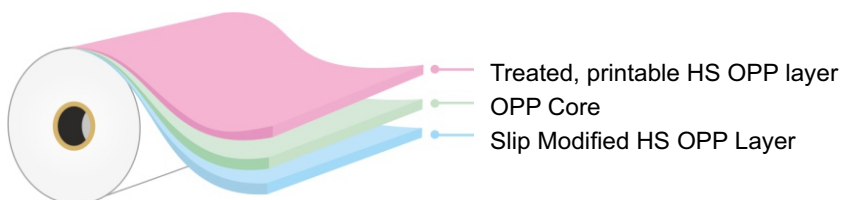


Soap Over wrap Film Transparent - Heat Sealable

30 HST-1 (SOW)

Structure



Description

It is a co-extruded, both side heat sealable and one side treated Bi-axially Oriented Polypropylene film.

Features

- Excellent machinability
- Good ink adhesion
- Good heat seal strength
- Seals at low temperature, hence broader heat seal range
- Low COF through-out printing & laminating processes

Applications

- Soap over wrap application
- General purpose printing and pouching

Typical values

| Properties | Ref. | Units | ASTM#/ Test Method | 30 HST-1 (SOW) |
|--|-------|----------------------------|--------------------|----------------|
| Physical Data | | | | |
| Average Thickness | | Micron | D-374-C | 30 |
| | | Gauge | | 120 |
| | | Mils | | 1.2 |
| Thickness Variation | | %(±) | | 3 |
| Density | | g/cc | | 0.905 |
| Average substance | | g/m ² | | 27.15 |
| Surface Tension(min) | | dynes/cm | D-2578 | 38 |
| Kinetic COF | UT-UT | | D-1894 | 0.20 - 0.30 |
| Yield | | m ² /Kg | D-4321 | 36.83 |
| | | in ² /lb | | 25894 |
| Optical Data | | | | |
| Gloss (45°) | | Gardner | D-2457 | >85 |
| Haze | | % | D-1003 | 2.2 - 3.5 |
| Mechanical Data | | | | |
| Tensile Strength | MD | kg/cm ² | D-882 | 1100 - 1500 |
| | TD | | | 2500 - 2800 |
| 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 - 4.0 |
| Heat Seal Strength(135 °C /275 °F, 2.0 bar-0.5 sec.) | | g/25mm | CTM | 500 |
| Barrier Data | | | | |
| MVTR (38°C, 90% RH) | | g/m ² /day | F-1249 | <3.0 |
| MVTR (100 °F,90%RH) | | g/100 in ² /day | F-1249 | <0.19 |

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction 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.

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