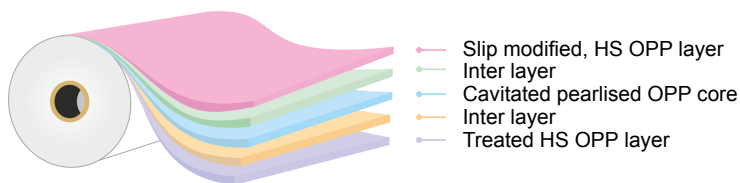


Soap Over wrap Film Pearlized, Heat Sealable

25 HST-1 (PL) SOW

Structure



Description

It is a co-extruded, pearlised, one side treated and both sides heat sealable Biaxially Oriented Polypropylene film

Features

- Pearlacent look
- Low seal initiation temperature
- Excellent machinability
- Low density and high yield
- Improved barrier to normal and UV Light

Applications

- Soap over wrap application
- General purpose printing and pouching

Typical values

| Properties | Ref. | Units | ASTM#/ Test Method | 25 HST-1 (PL) SOW |
|-----------------------------------|--------------|----------------------------|-----------------------|-------------------|
| Physical Data | | | | |
| Average Thickness | | Micron | D-374-C | 25 |
| | | Gauge | | 100 |
| | | Mils | | 1.0 |
| Thickness Variation | | %(±) | | 5 |
| Density | | g/cc | | 0.70 |
| Average substance | | g/m ² | | 17.5 |
| Surface Tension(min) | Treated Side | dynes/cm | D-2578 | 38 |
| Kinetic COF | UT-UT | | D-1894 | 0.20 - 0.30 |
| Yield | | m ² /Kg | D-4321 | 57.1 |
| | | in ² /lb | | 40145 |
| Optical Data | | | | |
| Gloss (45°) | | Gardner | D-2457 | 50 - 60 |
| Opacity | | % | Hunter Lab D25-2CR | 65 - 70 |
| Whiteness Index | | % | E-313 | > 80 |
| Mechanical Data | | | | |
| Tensile Strength | MD | kg/cm ² | D-882 | 500 - 700 |
| | TD | | | 1100 - 1500 |
| Elongation | MD | % | D-882 | 115 - 150 |
| | TD | | | 25 - 40 |
| Thermal Data | | | | |
| Shrinkage (120°C/248 °F,5 min) | MD | % | D-1204 | 3.0 - 4.5 |
| | TD | | | 1.0 - 3.0 |
| Heat Seal Strength (min.) | UT | g/25 mm | CTM | 350 |
| Barrier Data | | | | |
| MVTR (38°C, 90% RH) | | g/m ² /day | F-1249 | <6.0 |
| MVTR (100 °F,90%RH) | | g/100 in ² /day | F-1249 | < 0.38 |

CTM : Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

UT : Untreated

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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