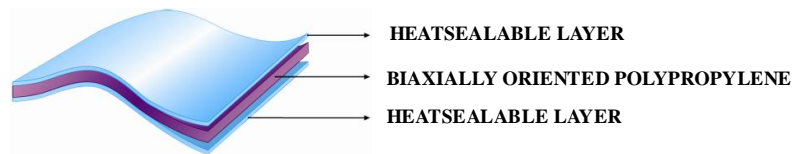


SHS

Heatsealable Coextruded Biaxially Oriented Polypropylene Film

Description:

A coextruded heat set Biaxially Oriented Polypropylene film, with two side heatsealable layers and tight-wrap property for single pack and carton pack overwrap.



Application :

SHS film is specially designed for use on high speed cigarette overwrap machines. It gives an excellent appearance with exceptional tight-wrap quality. It is widely used for premium cigarette and high quality products packaging.

Features:

- *High clarity and gloss.
- *High moisture barrier.
- *High tensile strength.
- *Excellent heatseal strength.
- *Control shrink for tight-wrap.

Standard Thickness:

18, 20, and 25 microns.

| PROPERTIES | | TESTING METHODS | UNIT | TYPICAL VALUES (SHS 20) |
|-------------------------|-----------|-------------------------------|---|-------------------------|
| Mechanical | | | | |
| Tensile Strength | MD | ASTM D 882 | N/mm ² | 160 |
| | TD | | | 260 |
| Elongation | MD | ASTM D 882 | % | 170 |
| | TD | | | 60 |
| Secant Modulus | MD | DIN 53457 | N/mm ² | 2300 |
| Physical | | | | |
| Coefficient of Friction | film/film | ASTM D 1894 | - | 0.20 |
| Gloss 45° | | ASTM D 2457 | Unit gloss | 91 |
| Haze | | ASTM D 1003 | % | 0.9 |
| Barrier | | | | |
| MVTR | | ASTM F1249 38°C, 90% RH | g/ m ² /24 hrs | 4.0 |
| O ₂ TR | | ASTM D 3985-81 23°C, 0% RH | cm ³ /m ² /atm/24 hrs | 1200 |
| Thermal | | | | |
| Thermal Shrinkage | MD | ASTM D 1204 120°C, 5 min | % | 7.0 |
| | TD | | | 9.0 |
| Sealing Range | | 0.5 sec, 150N | °C | 105-140 |
| Sealing Strength | | 120 °C, 0.5 Sec, 150 N | g/15 mm | 280 |

The information given in this Technical Data Sheet illustrates the main characteristics of our Group's product and to the best of our knowledge represents the best information available. These typical values shall not be construed as product specifications, nor shall these be considered as a guarantee, expressed or implied, that the product is suitable for the specific customer applications. It is strongly suggested that purchasers determine the product's final suitability for their specific end uses. Our Group's total liability for any and all claims, losses or damages, shall in no event exceed the purchase price of the product.