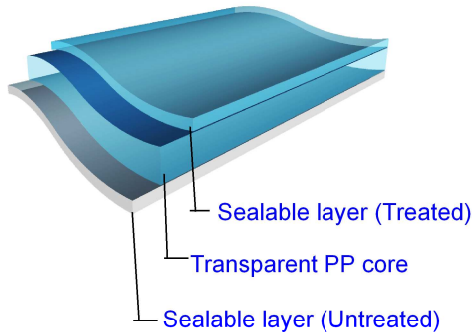




B-21L

BOPP CO-EX FILM LOW HEAT SEAL



Description:

This heat sealable film is widely used in flexible food packaging. Can be inner or outer web for printing and lamination. Specially developed to suit high speed VFFS and HFFS packaging machine.

Characteristics :

Corona treat one side, Two sides heat sealable. Good dimensional stability and flatness. Less electrostatic on film surface.

TECHNICAL DATA

| TYPICAL PROPERTIES | UNIT | TEST METHODS | TYPICAL VALUE | | | |
|----------------------------------|-------------------------------|--------------|---------------|-------|-------|-------|
| THICKNESS | Micron | Progage | 18 | 25 | 30 | 40 |
| YIELD | m ² /kg | - | 61.05 | 43.96 | 36.63 | 27.47 |
| DENSITY | g/cm ³ | ASTM D-1505 | 0.91 | | | |
| AVERAGE THICKNESS VARIATION | % | ASTM E-252 | ± 3 | | | |
| TENSILE STRENGTH | kg/mm ² (min) | MD | 13 | | | |
| | | TD | 24 | | | |
| ELONGATION AT BREAK | % (max) | MD | 200 | | | |
| | | TD | 70 | | | |
| THERMAL SHRINKAGE (120°C 15min.) | % (max) | MD | 4.0 | | | |
| | | TD | 2.0 | | | |
| KINETIC C.O.F. | NT/NT(max) | ASTM D-1894 | 0.3 | | | |
| SEALING TEMPERATURE | °C | 1 BAR 1 SEC | 100 – 140 | | | |
| SEALING STRENGTH | g/15mm (min) | - | 200 | | 300 | |
| WETTING TENSION | Dyne/cm (min) | ASTM D-2578 | 38 | | | |
| GLOSS (Angle 45°) | % (min) | ASTM D-2457 | 85 | | | |
| HAZE | % (max) | ASTM D-1003 | 2.5 | 3 | | |
| WVTR (38 °C, 90% RH) | g/m ² /24hr (max) | ASTM F-1249 | 8 | 6 | 4 | |
| O ₂ TR (23 °C, 0% RH) | cc/m ² /24hr (max) | ASTM D-3985 | 2000 | 1800 | 1600 | |

DESCRIPTION OF SUPPLY

| | |
|-------------------|---|
| PAPER CORE I.D. | 77 mm (3 in.) 153 mm (6 in.) |
| ROLL O.D. | max. 800 mm |
| WIDTH RANGE | 100 mm - 1,500 mm. (other width on request), Allowance 0, +3 mm |
| COMBINATION WIDTH | 6,000 mm. |
| LENGTH RANGE | STANDARD 4,000 m., 6,000 m. (other length on request) |
| JOINT | maximum 10% per order |

Food approval : Complied with US FDA & EU regulations (on request).

Storage condition: Should be kept in dry storage with temperature 30°C - 40°C.

Disclaimer:

The information provided above is accurate to the best of our knowledge. It is however suggested that the customer confirms these values and product compatibility prior to their use. Thai Film Industries PCL offers no guarantees nor accepts any responsibility for the fitness of the product for any particular use.

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