

Non heat sealable, both sides treated, white opaque BOPP film for labels.

Properties

- Good stiffness
- High gloss printing side
- Economical printing capability due to white opaque colour

Applications

Designed especially for bottle labeling applications.

| PROPERTIES | TEST CONDITIONS | | UNITS | TYPICAL VALUES | | |
|--------------------------|------------------------------|------|--------------------------|---------------------------------------|------------|------------|
| THICKNESS | | | μ | 35 | 38 | 45 |
| | | | Gauge | 140 | 152 | 180 |
| THICKNESS TOLERANCE | | | % | 5 | | |
| UNIT WEIGHT | ASTM D 2673 | | g / m ² | 24.5 ± 1.0 | 26.6 ± 1.0 | 31.5 ± 1.0 |
| YIELD | ASTM D 2673 | | m ² / kg | 40.8 ± 1.5 | 37.6 ± 1.5 | 31.7 ± 1.2 |
| HAZE | ASTM D 1003 | | % | | | |
| GLOSS | ASTM D 2457 | | % | 100 ± 10 | | |
| OPTICAL DENSITY | MACBETH | | | 0.55 ± 0.05 | | |
| COEFFICIENT OF FRICTION* | ASTM D 1894 | B/B* | | < 0.45 | | |
| | | B/M* | | < 0.30 | | |
| TENSILE STRENGTH | ASTM D 882 | MD | N/mm ² | 90 ± 20 | | |
| | | TD | | 200 ± 50 | | |
| ELONGATION AT BREAK | ASTM D 882 | MD | % | 140 ± 20 | | |
| | | TD | | 38 ± 5 | | |
| HEAT SEAL TEMPERATURE | 3 Bar / 0.5 Sec | | °C | | | |
| SEAL STRENGTH | 130°C / 3 Bar / 0.5 Sec | | N / 15 mm | | | |
| WVTR | ASTM F 1249 38°C / 90% RH | | g / m ² / day | 6.5 | 6.0 | 5.0 |
| TREATMENT LEVEL | ASTM D 2578 | | dyne / cm | ≥ 38 (print side) ≥ 34 (back side) | | |
| HEAT SHRINKAGE | 130°C / 7 min | MD | % | ≤ 5.0 | | |
| | | TD | | ≤ 3.0 | | |

*B : Back side

*All COF values are dynamic results

*M : Metal

The above information is the result of laboratory test which are applied on samples from standart production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty.

|