

Both sides treated metallized BOPP film.

Properties

- One side aluminium coated by vacuum metalization with excellent adhesion
- Low permeability to gases, moisture and light
- Good dimensional stability under varying atmospheric conditions

Applications

- Widely used for lamination to other substrates.
- Designed also for cold seal and release lacquer applications.

| PROPERTIES | TEST CONDITIONS | | UNITS | TYPICAL VALUES | | | | | |
|--------------------------|------------------------------|------|--------------------------------------|----------------|------|------|------|------|------|
| THICKNESS | | | μ | 15 | 18 | 20 | 25 | 30 | 40 |
| | | | Gauge | 60 | 72 | 80 | 100 | 120 | 160 |
| THICKNESS TOLERANCE | | | % | 5 | | | | | |
| UNIT WEIGHT | ASTM D 2673 | | g / m ² | 13.6 | 16.3 | 18.1 | 22.7 | 27.2 | 36.2 |
| YIELD | ASTM D 2673 | | m ² / kg | 73.5 | 61.3 | 55.2 | 44.0 | 36.7 | 27.6 |
| HAZE | ASTM D 1003 | | % | | | | | | |
| GLOSS | ASTM D 2457 | | % | | | | | | |
| OPTICAL DENSITY | MACBETH | | | 2.0 | | | | | |
| COEFFICIENT OF FRICTION* | ASTM D 1894 | B/B* | | < 0.50 | | | | | |
| | | B/M* | | < 0.30 | | | | | |
| TENSILE STRENGTH | ASTM D 882 | MD | N/mm ² | 120 ± 20 | | | | | |
| | | TD | | 270 ± 50 | | | | | |
| ELONGATION AT BREAK | ASTM D 882 | MD | % | 190 ± 40 | | | | | |
| | | TD | | 45 ± 10 | | | | | |
| HEAT SEAL TEMPERATURE | 3 Bar / 0.5 Sec | | °C | | | | | | |
| SEAL STRENGTH | 130°C / 3 Bar / 0.5 Sec | | N / 15mm | | | | | | |
| WVTR | ASTM F 1249 38°C / 90% RH | | g / m ² / day | ≤ 1.0 | | | | | |
| OTR | ASTM D 3985 23°C / 0% RH | | cm ³ /m ² /day | ≤ 200 | | | | | |
| TREATMENT LEVEL | ASTM D 2578 | | dyne / cm | ≥ 36 (both) | | | | | |
| HEAT SHRINKAGE | 130°C / 7 mIn | MD | % | ≤ 5.0 | | | | | |
| | | TD | | ≤ 3.0 | | | | | |

*B/B : Nontreated side to nontreated side

*All COF values are dynamic results

*B/M : Nontreated side to metal

Since the climatic and storage conditions influence the metallised surface treatment, the dyne level can not be guaranteed.

In-line corona treatment is recommended for lamination. An adequate primer on the metallized surface is suggested for printing.

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.