

Both sides wide seal range heat sealable, both sides treated, antifog BOPP film.

## Properties

- Keeps water condensed on inner layer of package as a continuous film and maintain transparency
- Inhibits deterioration of food

## Applications

Especially designed for packaging fresh vegetables and fruits.

| PROPERTIES               | TEST CONDITIONS              |      | UNITS                    | TYPICAL VALUES |      |      |       |      |
|--------------------------|------------------------------|------|--------------------------|----------------|------|------|-------|------|
| THICKNESS                | .....                        |      | μ                        | 20             | 25   | 30   | 35    | 40   |
|                          |                              |      | Gauge                    | 80             | 100  | 120  | 140   | 160  |
| THICKNESS TOLERANCE      | .....                        |      | %                        | 5              |      |      |       |      |
| UNIT WEIGHT              | ASTM D 2673                  |      | g / m <sup>2</sup>       | 18.1           | 22.6 | 27.2 | 31.7  | 36.2 |
| YIELD                    | ASTM D 2673                  |      | m <sup>2</sup> / kg      | 55.2           | 44.2 | 36.7 | 31.5  | 27.6 |
| HAZE                     | ASTM D 1003                  |      | %                        | < 3.0          |      |      |       |      |
| GLOSS                    | ASTM D 2457                  |      | %                        | 85 ± 5         |      |      |       |      |
| OPTICAL DENSITY          | MACBETH                      |      | .....                    | .....          |      |      |       |      |
| COEFFICIENT OF FRICTION* | ASTM D 1894                  | B/B* | .....                    | < 0.40         |      |      |       |      |
|                          |                              | B/M* |                          | < 0.30         |      |      |       |      |
| TENSILE STRENGTH         | ASTM D 882                   | MD   | N/mm <sup>2</sup>        | 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                       | 115 - 145      |      |      |       |      |
| SEAL STRENGTH            | 130°C / 3 Bar / 0.5 Sec      |      | N / 15mm                 | > 3.0          |      |      | > 3.8 |      |
| WVTR                     | ASTM F 1249<br>38°C / 90% RH |      | g / m <sup>2</sup> / day | .....          |      |      |       |      |
| TREATMENT LEVEL          | ASTM D 2578                  |      | dyne / cm                | ≥ 38 (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

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.