

One side wide seal range heat sealable, other side treated metallized BOPP film.  
Metal side is In Line Coated for ultra high barrier property.

### Properties

- In Line Coating (ILC) with water based chemical
- Longer corona retention time
- Ultra high oxygen and moisture barrier
- Enhanced metal adhesion

### Applications

- Designed for high barrier packaging applications for sustainable mono PP structures
- Suitable for high barrier performance packaging applications, extrusion and adhesive lamination

| PROPERTIES               | TEST CONDITIONS              | UNITS                                | TYPICAL VALUES    |          |
|--------------------------|------------------------------|--------------------------------------|-------------------|----------|
| THICKNESS                | .....                        | μ                                    | 18                |          |
|                          |                              | Gauge                                | 72                |          |
| THICKNESS TOLERANCE      | .....                        | %                                    | 5                 |          |
| UNIT WEIGHT              | ASTM D 2673                  | g / m <sup>2</sup>                   | 16.3              |          |
| YIELD                    | ASTM D 2673                  | m <sup>2</sup> / kg                  | 61.3              |          |
| HAZE                     | ASTM D 1003                  | %                                    | .....             |          |
| GLOSS                    | ASTM D 2457                  | %                                    | .....             |          |
| OPTICAL DENSITY          | MACBETH                      | .....                                | 2.7               |          |
| COEFFICIENT OF FRICTION* | ASTM D 1894                  | B/B*                                 | .....             | < 0.65   |
|                          |                              | B/M*                                 |                   | < 0.30   |
| TENSILE STRENGTH         | ASTM D 882                   | MD                                   | N/mm <sup>2</sup> | 140 ± 20 |
|                          |                              | TD                                   |                   | 280 ± 30 |
| ELONGATION AT BREAK      | ASTM D 882                   | MD                                   | %                 | 220 ± 20 |
|                          |                              | TD                                   |                   | 60 ± 10  |
| HEAT SEAL TEMPERATURE    | 3.0 Bar / 0.5 Sec            | °C                                   | 95 - 150          |          |
| SEAL STRENGTH            | 130°C / 3.0 bar / 0.5 Sec    | N / 15mm                             | > 3.0             |          |
| WVTR                     | ASTM F 1249<br>38°C / 90% RH | g / m <sup>2</sup> / day             | ≤ 0.1             |          |
| OTR                      | ASTM D 3985<br>23°C / 0% RH  | cm <sup>3</sup> /m <sup>2</sup> /day | ≤ 1.0             |          |
| HEAT SHRINKAGE           | 130°C / 7 min                | MD                                   | %                 | ≤ 5.0    |
|                          |                              | TD                                   |                   | ≤ 4.0    |

\*B : Back side

\*All COF values are dynamic results

\*M : Metal

*The climatic and storage conditions may influence the metallised surface treatment.*

*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.

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