

## Technical Data Sheet

|                                                                                                                                                                     |                      |         |          |               |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|----------|---------------|----------------|
| Product Code                                                                                                                                                        | 3205.LL              |         |          |               |                |
| Product                                                                                                                                                             | Pallet wrapping film |         |          |               |                |
| Grade                                                                                                                                                               | 500mm x 2007m x 15um |         |          |               |                |
| Colour                                                                                                                                                              | Clear                |         |          |               |                |
| Date                                                                                                                                                                | 13/8/2019            |         |          |               |                |
| Issue Number                                                                                                                                                        | FPA002               |         |          |               |                |
|                                                                                                                                                                     |                      |         |          |               |                |
| Physical Properties                                                                                                                                                 |                      | Units   | Standard | Specification | Testing Method |
| Thickness                                                                                                                                                           |                      | Microns | 15±1     | 15            | Dial Gauge     |
| Width                                                                                                                                                               |                      | Cm      | 50±1     | 50            | Scale          |
| Length                                                                                                                                                              |                      | Metres  |          | 2007          |                |
| Mechanical Properties                                                                                                                                               |                      | Units   | Standard | Specification | Testing Method |
| Tensile Strength                                                                                                                                                    | MD                   | MPA     | 32       | 43            | ASTM D 882     |
|                                                                                                                                                                     | TD                   |         | 15       | 25            |                |
| Load at Break                                                                                                                                                       | MD                   | N       | 10       | 16            |                |
|                                                                                                                                                                     | TD                   |         | 5        | 8             |                |
| Break Elongation                                                                                                                                                    | MD                   | %       | 370      | 453           |                |
|                                                                                                                                                                     | TD                   |         | 530      | 771           |                |
| Tear Resistance                                                                                                                                                     | MD                   | mN      | 1650     | 2346          | ASTM D 1922    |
|                                                                                                                                                                     | TD                   |         | 4000     | 4856          |                |
| Peel Cling                                                                                                                                                          |                      | N-mm    | 5        | 6             | ASTM D 5458    |
| Puncture                                                                                                                                                            |                      | N-mm    | 1400     | 2325          | ASTM D 5748    |
| Dart Impact                                                                                                                                                         |                      | g       | 110      | 387           | ASTM D 1709    |
| Ultimate Stretch                                                                                                                                                    |                      | %       | 230      | 327           | HSTM           |
| Sustainability                                                                                                                                                      |                      |         |          |               |                |
| <div><div></div><div>Please ensure to recycle your used stretch wrap</div></div> |                      |         |          |               |                |



FROMM Packaging Australia guarantee that every roll of FROMM stretch wrapping film that you purchase is the same length as quoted in the FROMM Technical Data Sheet at a minimum.