

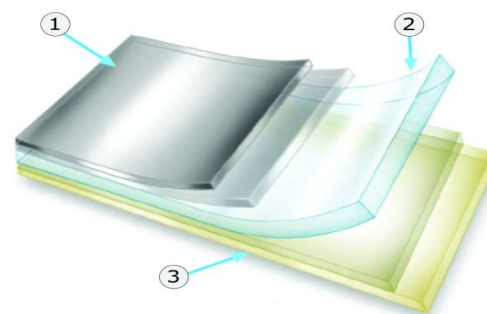
# T SHLe

## BIAXIALLY ORIENTED POLYPROPYLENE FILM

*Bioriented Polypropylene Film, transparent, one side heat sealable and treated on the other side. It has anti-static and low coefficient of friction property in high temperatures.*

## APPLICATION

*Printing and laminations for general food packaging such as snacks, cookies/crackers, confections, cereal bars and other products that require a stable COF in high temperature.*



- 1 - TREATED LAYER
- 2 - HOMOPOLYMER PP
- 3 - SIDE WITH GOOD SLIP PROPERTY IN HIGH TEMPERATURE

## TYPICAL VALUES

| Properties                           | Units               | Typical Values |         |         | Method     |
|--------------------------------------|---------------------|----------------|---------|---------|------------|
|                                      |                     | T20SHLe        | T25SHLe | T30SHLe |            |
| THICKNESS                            | Gauge               | 80             | 98,0    | 80,0    | ASTM D4321 |
| YIELD                                | in <sup>2</sup> /lb | 39000          | 31100,0 | 25900,0 | ASTM D4321 |
| TRANSMITTANCE                        | %                   | 90             | 90,0    | 90,0    | ASTM D1003 |
| GLOSS EXTERNAL                       | u.b.                | 85             | 85,0    | 85,0    | ASTM 2457  |
| SURFACE TENSION                      | dynas/cm            | >38            | >38     | >38     | ASTM D2578 |
| SEALING INITIATION TEMPERATURE NT/NT | °F                  | 221            | 221     | 221     | ASTM F88   |
| COF NT/NT                            | NA                  | 0.23           | 0.23    | 0.23    | ASTM D1894 |
| SHRINKAGE MD                         | %                   | 2.0            | 2.0     | 2.0     | ASTM D1204 |
| SHRINKAGE TD                         | %                   | 0.5            | 0.5     | 0.5     | ASTM D1204 |
| ELONGATION MD                        | %                   | 190            | 190     | 190     | ASTM D882  |
| ELONGATION TD                        | %                   | 50             | 50      | 50      | ASTM D882  |
| TENSILE STRENGTH MD                  | Psi                 | 23200          | 23200   | 23200   | ASTM D882  |
| TENSILE STRENGTH TD                  | Psi                 | 43500          | 43500   | 43500   | ASTM D882  |

## Observations

1-The values described above may not be taken as the product specifications values. These values are based on the average or typical values generated at the time of production and should be considered as a reference only.

2- The films have their treatment at external side of the roll. Tecnoval is able to produce rolls with treatment at internal side under previously consulting to Commercial Area.

3- The technical information in this publication are based on our experience and are general. Users are suggested to conduct their own tests to determine suitability of these products for their own particular uses. The user is solely responsible for all determination regarding any use of the material or product and process in its interest.

Abbreviations: MD - Machine Direction; DT - Transversal Direction; E - External Side; NT - Non treated side.