

# BOPP PEARLIZED FILM

CODE OP

Film with both side heat sealable layer for VFFS/HFFS. Excellent slip and anti static property, good opacity.

## TECHNICAL DATA

| TYPICAL PROPERTIES                         | UNIT               |              | TEST METHODS        | TYPICAL VALUE |               |               |               |
|--|--------------------|--------------|---------------------|---------------|---------------|---------------|---------------|
| THICKNESS                                  | micron             |              | Micrometer          | 25            | 30            | 35            | 38            |
| YIELD                                      | m <sup>2</sup> /kg |              | ASTM D4321          | 50.74 - 63.94 | 42.81 - 52.52 | 37.02 - 44.56 | 34.25 - 40.85 |
| DENSITY                                    | g/cm <sup>3</sup>  |              | ASTM D-1505         | 0.68 - 0.73   | 0.68 - 0.73   | 0.68 - 0.73   | 0.68 - 0.73   |
| THICKNESS TOLERANCE                        | micron             |              | ASTM E-252-78       | ± 2           | ± 2           | ± 2           | ± 2           |
| TENSILE STRENGTH                           | N/mm <sup>2</sup>  | MD           | ASTM D-882          | 60            | 70            | 70            | 70            |
|  | (min.)             | TD           |                     | 100           | 120           | 120           | 120           |
| ELONGATION AT<br>BREAK                     | %                  | MD           | ASTM D-882          | 90            | 100           | 100           | 100           |
|  | (min.)             | TD           |                     | 20            | 30            | 30            | 30            |
| DIMENSIONAL STABILITY<br>120°C. 15 minutes | %                  | MD           | ASTM D-1204         | 3.0           | 3.0           | 3.0           | 3.0           |
|  | (max.)             | TD           |                     | 2.0           | 2.0           | 2.0           | 2.0           |
| SEALING TEMPERATURE                        | °C                 |              | 1 BAR, 1 SEC        | 118-120       | 118-120       | 118-120       | 118-120       |
| SEAL STRENGTH                              | N/15 mm (min.)     |              | 1 BAR, 1 SEC, 15 mm | 2.0           | 2.0           | 2.0           | 2.0           |
| C.O.F.                                     | (max.)             | T/T          | ASTM D-1894         | 0.5           | 0.5           | 0.5           | 0.5           |
|  |                    | NT/NT        |                     | 0.5           | 0.5           | 0.5           | 0.5           |
| OPACITY                                    | % (min.)           |              | sheenopec meter     | 70            | 70            | 70            | 70            |
|  | % (min.)           |              | Color meter         | 70            | 70            | 70            | 70            |
| GLOSS (angle 60°)                          | % (min.)           |              | ASTM D-2457         | 35            | 35            | 35            | 35            |
| WETTING TENSION                            | Dynes/cm           | Treated side | ASTM D-2578         | 38            | 38            | 38            | 38            |

\* For both side we treat one side 38 dynes/cm, other side 37 dynes/cm.

## DESCRIPTION OF SUPPLY

**PAPER CORE I.D.**            76 mm (3 in.)            152 mm (6 in.)

**ROLL OUTSIDE DIAMETER**    max. 600 mm

**WIDTH RANGE**                100 mm – 1500 mm. (other width on request)

**LENGTH RANGE**            standard 2000 m, 3000 m, 4000m and 6000 m. (other length on request)

Our Product comply with U.S. 21 CFR F.D.A. Regulation Part 177.1520

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