

**FILMS WITH HIGH SURFACE TENSION AND LOW SHRINKAGE**

White pet film one (HP) or two sides (HSPL) treated and premium heat stabilized for extra high dimensional stability and elevated bonding with conductive inks, adhesive masses and lacquers thanks to the high surface tension of the film.

| PROPERTY                                    | UNIT     | METHOD      | VALUE<br>125 µ | VALUE<br>175 µ | VALUE<br>250 µ | VALUE<br>330 µ |
|---|----------|-------------|----------------|----------------|----------------|----------------|
| <b>THICKNESS VARIATION</b>                  | micron   | internal    | 119,0 - 131,0  | 166,0 - 184,0  | 237,0 - 262,0  | 327,0 - 343,0  |
| <b>DENSITY</b>                              | g/cm3    | ASTM D 1505 | 1,41           | 1,41           | 1,41           | 1,41           |
| <b>YIELD</b>                                | sqm/kg   | internal    | 5,71           | 4,08           | 2,82           | 2,13           |
| <b>TENSILE STRENGTH (MD)</b>                | Kg/cm2   | ASTM D 882  | > 1250         | > 1250         | > 1250         | > 1250         |
| <b>TENSILE STRENGTH (TD)</b>                | Kg/cm2   | ASTM D 882  | > 1550         | > 1550         | > 1550         | > 1550         |
| <b>ELONGATION AT BREAK (MD)</b>             | %        | ASTM D 882  | > 50           | > 50           | > 50           | > 50           |
| <b>ELONGATION AT BREAK (TD)</b>             | %        | ASTM D 882  | > 50           | > 50           | > 50           | > 50           |
| <b>WETTING TENSION</b>                      | Dynes/cm | ASTM D 2578 | > 58           | > 58           | > 58           | > 58           |
| <b>SHRINKAGE (MD)<br/>(150°C FOR 30MIN)</b> | %        | ASTM D 1204 | < 0,2          | < 0,2          | < 0,2          | < 0,2          |
| <b>SHRINKAGE (TD)<br/>(150°C FOR 30MIN)</b> | %        | ASTM D 1204 | < 0,1          | < 0,1          | < 0,1          | < 0,1          |
| <b>TOTAL LIGHT TRANSMISSION</b>             | %        | ASTM D 1003 | < 8            | < 5            | < 4            | < 2            |

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by us. The above information is liable to change due to innovation and improvement in the manufacturing process. We assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.

