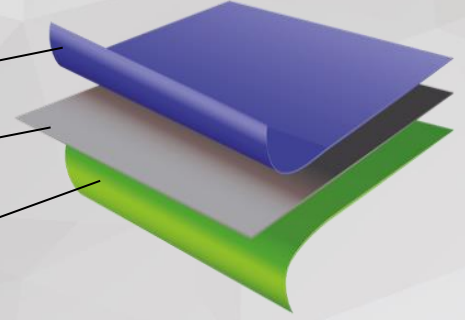


Chemically Treated PET Layer

PET Core Layer

Matt Coated Layer



## SUPCOAT

## BT 7311 MMC

### Description

PETLAIN BT 7311 MMC is a transparent biaxially oriented polyester (BOPET) film with one side matt coated. Other side is chemically treated to give excellent adhesion to wide range of inks and lamination adhesives.

It has a very high and stable wetting tension level for extended time periods due to chemical treatment.

### Properties

- Improved stiffness for excellent machinability
- Outstanding opacity to prevent product show-through
- Improved gloss for excellent graphic design
- Excellent dimensional stability and cuttability
- Excellent bonding to hot-melt glues
- Excellent ink adhesion

### Applications

It is specially designed for use in printing, coating and lamination processes for general purpose flexible packaging applications.

Matt finish coated layer gives non-reflective surface for better visual capability for special applications. Matt coating with good adhesion and scratch resistance.

We advise to check and approve matt finish layer for further processing such as printing and coating.

Please contact customer service representative for the application compliance.

## Technical Features

| PROPERTIES                              | TEST METHOD | UNITS                | BT 7311 MMC        |        |
|---|-------------|----------------------|--------------------|--------|
| THICKNESS                               | ASTM F2251  | micron               | 14                 |        |
|   |             | Gauge                | 56                 |        |
| YIELD                                   | ASTM D4321  | m <sup>2</sup> /kg   | 53,2               |        |
|   |             | in <sup>2</sup> /Lbs | 37.400             |        |
| UNIT WEIGHT                             | ASTM D4321  | g/m <sup>2</sup>     | 18,8               |        |
| HAZE                                    | ASTM D1003  | %                    | 75                 |        |
| GLOSS (45 °)                            | ASTM D2457  | %                    | 16                 |        |
| TENSILE STRENGTH AT BREAK               | ASTM D882   | MD                   | N/mm <sup>2</sup>  | 240    |
|   |             |                      | lb/in <sup>2</sup> | 34.800 |
|   |             | TD                   | N/mm <sup>2</sup>  | 260    |
|   |             |                      | lb/in <sup>2</sup> | 37.700 |
| ELONGATION AT BREAK                     | ASTM D882   | MD                   | %                  | 140    |
|   |             | TD                   | %                  | 110    |
| THERMAL SHRINKAGE (150 °C, 30 min, air) | ASTM D1204  | MD                   | %                  | 2,0    |
|   |             | TD                   | %                  | 0,5    |
| COEFFICIENT OF FRICTION                 | ASTM D1894  | Film/Film            |                    | 0,40   |
|   |             | Film/Metal           |                    | 0,20   |
| SURFACE TENSION                         | ASTM D2578  | Dyne/cm              | Chemical Side      | 56     |
|   |             |                      | Matt Side          | 38     |

Product Identification (Decision 97/129/EC): PET1

### Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intended to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents.

The film shelf life is 6 months. Modified PU based ink series offer good adhesion and printability.

For related spec sheet with tolerance values, please contact our sales departments

| STANDARD ROLL DIMENSIONS     |                          |                     |                 |
|------------------------------|--------------------------|---------------------|-----------------|
| CORE INNER DIAMETER (ID)     | CORE OUTER DIAMETER (OD) | LENGTH TOLERANCE    | WIDTH TOLERANCE |
| 76 mm (3 in) & 152 mm (6 in) | 530 mm & 790 mm          | ± % 10 for all OD's | - 0 & + 4 mm    |

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