

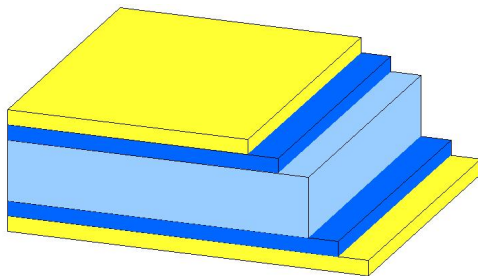







## Polyfilm Polyplex Polyester Films

### Type: SF122 (both sides chemically treated) 75my

Polyfilm Transparent SF122 grade Polyester film has good handling properties and is pretreated on both sides to enhance adhesion to various inks and coatings. It is primarily used for printing and coating in flexible packaging application.

### Composition



-  chemical treatment
-  standard surface
-  core
-  standard surface
-  chemical treatment

### Typical Properties

| Property                     | Units                 | Nominal | Method          | Conditions            |
|------------------------------|-----------------------|---------|-----------------|-----------------------|
| <b>Mechanical Properties</b> |                       |         |                 |                       |
| Nominal thickness            | μ                     | 75      | Polyplex Method |                       |
| Yield                        | m <sup>2</sup> /kg    | 9.5     | Polyplex Method |                       |
| Unit weight                  | g/m <sup>2</sup>      | 105     |                 |                       |
| Elongation at break          | MD %                  | 190     | ASTM D-882      |                       |
|                              | TD %                  | 170     |                 |                       |
| Tensile strength             | MD kg/cm <sup>2</sup> | 1700    | ASTM D-882      |                       |
|                              | TD kg/cm <sup>2</sup> | 1900    |                 |                       |
| <b>Thermal Properties</b>    |                       |         |                 |                       |
| Heat shrinkage               | MD %                  | 1.2     | ASTM D-1204     | 150 Deg. C/30 minutes |
|                              | TD %                  | 0.2     |                 |                       |

| Property                               | Units   | Nominal | Method      | Conditions |
|--|---------|---------|-------------|------------|
| <b>Surface Properties</b>              |         |         |             |            |
| Co-efficient of friction (A/B) static  |         | 0.44    | ASTM D-1894 |            |
| Co-efficient of friction (A/B) dynamic |         | 0.36    | ASTM D-1894 |            |
| Surface tension                        | dyne/cm | 42      | ASTM D-2578 |            |
| <b>Optical Properties</b>              |         |         |             |            |
| Haze                                   | %       | 3.8     | ASTM D-1003 |            |
| Light transmission                     | %       | 88      | ASTM D-1003 |            |

## Standard Roll Presentation

| Thickness | Core | Length | outside diameter |
|-----------|------|--------|------------------|
| $\mu$     | mm   | m      | mm               |
| 75        | 152  | 3000   | 557              |
| 75        | 152  | 4500   | 673              |
| 75        | 152  | 6000   | 772              |

## Disclaimer

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