

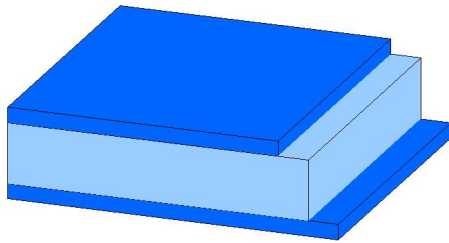


Polyfilm Polyplex Polyester Films

Type: BW100 (white opaque PET) 50my

Polyfilm white opaque BW grade Polyester film is designed for use in label applications. It has good opacity and excellent machinability. It has excellent slip and dimensional stability over a wide range of temperatures.

Composition



- standard surface
- core layer
- standard surface

Typical Properties

Provisional data

| Property | Units | Nominal | Method | Conditions |
|------------------------------|--------------|---------|-----------------|--------------------|
| Mechanical Properties | | | | |
| Nominal thickness | μ | 50 | Polyplex Method | |
| Unit weight | g/m^2 | 70.0 | | |
| Yield | m^2/kg | 14.29 | Polyplex method | |
| Elongation at break | MD % | 110 | ASTM D-882 | |
| | TD % | 90 | | |
| Tensile strength | MD kg/cm^2 | 1500 | ASTM D-882 | |
| | TD kg/cm^2 | 1600 | | |
| Thermal Properties | | | | |
| Heat shrinkage | MD % | 1.6 | ASTM D-1204 | 150 Deg. C/30 min. |
| | TD % | 0.2 | | |

| Property | Units | Nominal | Method | Conditions |
|--|---------|---------|-------------|------------|
| Surface Properties | | | | |
| Surface tension | Dyne/cm | 42 | ASTM D-2578 | |
| Co-efficient of friction (A/B) static | | 0.45 | ASTM D-1894 | |
| Co-efficient of friction (A/B) dynamic | | 0.40 | ASTM D-1894 | |
| Physical/Chemical Properties | | | | |
| Light transmission | % | 17 | ASTM D-1003 | |
| Optical Properties | | | | |
| Gloss | % | 28.0 | ASTM D-2457 | 60 Deg. |
| White index | % | 140 | White Index | |

Disclaimer

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