

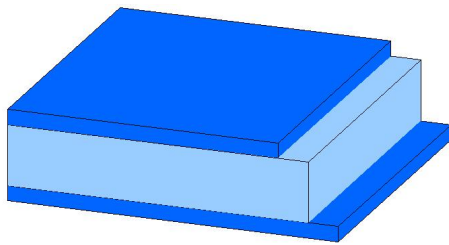


Polyfilm Polyplex Polyester Films

Type: MW100 (milky white PET) 190my

Polyfilm Milky White MW100 grade Polyester film specially developed as an insulating material for rotating electrical motors, exhibits superior thermal ageing performance compared to normal polyester films. 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 | 190 | Polyplex Method | |
| Unit weight | g/m ² | 266 | | |
| Yield | m ² /kg | 3.76 | Polyplex method | |
| Elongation at break | MD % | 120 | ASTM D-882 | |
| | TD % | 110 | | |
| Tensile strength | MD kg/cm ² | 1800 | ASTM D-882 | |
| | TD kg/cm ² | 1900 | | |
| Thermal Properties | | | | |
| Heat shrinkage | MD % | 1.4 | ASTM D-1204 | 150 Deg. C/30 min. |
| | TD % | 0.4 | | |
| Surface Properties | | | | |
| Co-efficient of friction (A/B) static | | 0.44 | ASTM D-1894 | |

| Property | Units | Nominal | Method | Conditions |
|--|--------|-----------|-------------|------------|
| Co-efficient of friction (A/B) dynamic | | 0.40 | ASTM D-1894 | |
| Optical Properties | | | | |
| Haze | % | 85.0 | ASTM D-1003 | |
| Electrical Properties | | | | |
| Surface resistivity | Ohm | 10^{12} | ASTM D-149 | |
| Volume resistivity | Ohm cm | 10^{16} | ASTM D-149 | |
| Break down voltage | KV | 19.0 | ASTM D-149 | |

Disclaimer

The information given above is to the best of our knowledge and experience at the time of printing. We make no warranty, express or implied, for specific product properties or as to the fitness of the product for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification and should be read in conjunction with the general conditions for sale.

Edition: 11/2013