

MPM



PET film-Electrical insulating paper -PET film

Flexible Combined Material (3 layer)

Composition:

MPM consists of yellow electrical insulation paper ,covered on both sides with polyester film. The adhesive is acid-free and heat-resistant.

Properties:

MPM shows excellent mechanical strength and electric insulating properties.

Applications:

MPM can be used as slots, gaskets and phase insulation for low voltage motors,electrical tools and generators.

Storage:

MPM can be stored indefinitely at (20℃ , 50% r. h.).

Availability:

Rolls: non-trimmed width is 1003mm~1005mm/ trimmed width is 990mm

Sheets: from 990mm to 1000mm at any size

Tapes: from 5mm to 990mm

Roll diameter: about 300mm width

Core size: standard 76mm



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Technical data

| Specification | Unit | Value | | |
|---------------------------------|------------------|----------|-----------|----------|
| Item | | MPM(2/7) | MPM(2/10) | MPM(3/4) |
| Thickness | mm | 0.29 | 0.36 | 0.26 |
| Thickness tolerance | mm | ±0.03 | ±0.03 | ±0.03 |
| Nominal grammage and tolerance | g/m ² | 348±35 | 425±43 | 330±33 |
| Thickness of polyester film | mm | 0.05 | 0.05 | 0.075 |
| Tensile Strength | | | | |
| MD | N/10mm | ≥180 | ≥200 | ≥220 |
| TD | N/10mm | ≥150 | ≥180 | ≥200 |
| Breakdown voltage | KV | ≥11 | ≥12 | ≥15 |
| Cohesiveness (normal condition) | No delamination | | | |
| Thermal rating class | B or F | | | |
| Color | yellow | | | |



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