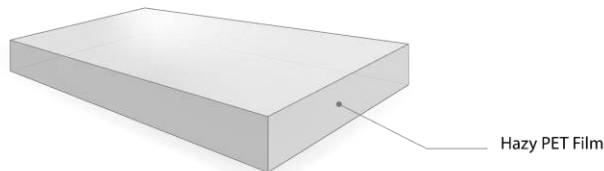


### Product Description:

Multi-purpose, untreated polyester film, PMX980 has a hazy appearance with excellent mechanical properties. It is suitable for many industrial applications.

### Key Features:

- Excellent handling characteristics
- Can be used for a wide range of industrial applications
- Available in both reels and sheets



### Storage

Recommended storage conditions: 10°C – 25°C; 20% - 50% RH  
Shelf Life: 12 months from delivery date (under recommended storage conditions)

| TYPICAL VALUES                                            |                                                     |                     |           | MD - Machine Direction, TD - Transverse Direction |      |      |      |      |      |      |      |
|-----------------------------------------------------------|-----------------------------------------------------|---------------------|-----------|---------------------------------------------------|------|------|------|------|------|------|------|
| Property                                                  | Test method                                         | Unit                | Direction | Typical values                                    |      |      |      |      |      |      |      |
| Film thickness                                            | -                                                   | micron              |           | 12                                                | 19   | 23   | 36   | 50   | 75   | 100  | 125  |
| Film yield                                                | -                                                   | m <sup>2</sup> /Kg  |           | 59.6                                              | 47.6 | 31.3 | 19.9 | 14.3 | 9.53 | 7.15 | 5.72 |
| Unit weight                                               | -                                                   | g/m <sup>2</sup>    |           | 17                                                | 27   | 32   | 50   | 70   | 105  | 140  | 175  |
| Density                                                   | ASTM D1505                                          | g/cc                |           | 1.4                                               |      |      |      |      |      |      |      |
| Haze                                                      | ASTM D1003                                          | %                   |           | 3                                                 | 5    | 6    | 8.5  | 11   | 16   | 18   | 20   |
| Tensile strength at break (minimum)                       | ASTM D882-83                                        | Kgf/mm <sup>2</sup> | MD        | 21                                                | 21   | 21   | 21   | 21   | 21   | 21   | 21   |
|                                                           |                                                     |                     | TD        | 27                                                | 27   | 27   | 27   | 27   | 27   | 27   | 25   |
| Elongation at break                                       | ASTM D882                                           | %                   | MD        | 125                                               |      |      |      |      |      |      |      |
|                                                           |                                                     |                     | TD        | 80                                                |      |      |      |      |      |      |      |
| Breakdown voltage                                         | ASTM D149-81<br>(7mm electrodes in dry air at 25°C) | Kv                  |           | 4.8                                               | 6.1  | 4    | 5.5  | 7    | 10   | 11.8 | 13.5 |
| Surface resistivity                                       | ASTM D257-83<br>(500vDC @ 25°C/54%RH)               | Ohms/sq             |           | 1013                                              |      |      |      |      |      |      |      |
| Volume resistivity                                        | ASTM D257-83<br>(100vDC @ 25°C & 1000s)             | Ohm m               |           | 1015                                              |      |      |      |      |      |      |      |
| Upper melt temperature                                    | ASTM E794-85                                        | °C                  |           | 245 to 255                                        |      |      |      |      |      |      |      |
| Coefficient of thermal expansion<br>(between 20 and 50°C) | -                                                   | ppm/k               | MD        | 35                                                |      |      |      |      |      |      |      |
|                                                           |                                                     |                     | TD        | 28                                                |      |      |      |      |      |      |      |

# HiFi Polyester Film Is Your Trusted Expert In Polyester Film Solutions

- Expert advice.
- Premium PET films.
- Europe's leading converter & distributor.



Wide range of PET Films



Custom Converting  
Reels & Sheets



Short Lead Times

## Specialist Facility for Advanced Polyester Film Conversion and Heat Stabilisation



✓ Polyester film slitting



✓ Clean room conversion



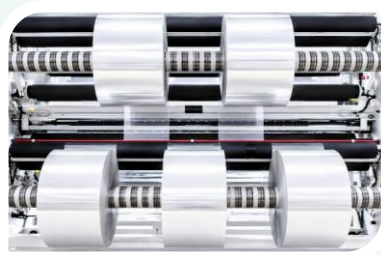
✓ Polyester film wholesale



✓ Polyester film sheeting



✓ Thermal polyester stabilisation



✓ Custom converting

## Expert Technical Support to Help You Find the Right Polyester (PET) Film Solution

Our in-house specialists provide guidance on material selection, ensuring you get the best polyester film for your specific application and performance requirements.

### Contact us for expert help



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