

Product Information Sheet

Product

Polymex® PK23E

Product Description

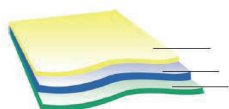
Polymex® PK23E is a bi-axially oriented, co-extruded, clear polyester film with a one side external corona treatment to promote adhesion. Polymex® PK23E is ideal for use in industrial applications where high transparency is required, such as laminations, adhesive and insulation tapes. The treated surface offers a fantastic blank canvas for coating and metallizing (self-test recommended). In addition the food contact approval allows it to be used in food contact applications.

Available in thicknesses 12 – 50 micron.

Key Features

- Excellent clarity
- Ideal for sensitizing, laminating, or adhesive coating
- Good for coating, packaging, industrial, and as a release film for thermosetting resins

Structure of Polymex® PK23E



Adhesive promoting surface
Low haze PET
Untreated surface

| Property | Test Method | Unit | Value | |
|---------------------------------------|----------------|--------------------|------------|------------|
| Film Thickness | - | micron | 12 | 23 |
| Film Yield | - | M ² /Kg | 59 | 31 |
| Unit Weight | - | g/m ² | 17 | 32 |
| Haze | ASTM D 1003-61 | % | 3 | 3.5 |
| Tensile strength at break MD TD | ISO 527-1-2 | N/mm ² | 220 260 | 230 240 |
| Elongation at break MD TD | ISO 527-1-2 | % | 130 110 | 130 120 |
| Density | ASTM D 1505-68 | g/cm ³ | 1.395 | |
| Coefficient of friction (static) | ASTM D 1894 | - | 0.4 | |
| Shrinkage MD TD | 150°C, 15 min | % | 1.3 0.8 | 1.3 0.6 |

'MD' - Machine direction. 'TD' - Transverse direction

Applications

Polymex® PW122 complies with EU food contact legislation 2002/72/EC, and amendments with FDA regulation 21 CFR 177.1630

The information above is given in good faith and should be considered as a guide not a specification.



BS EN 14644 : 1999
CLEANROOM CLASS 8

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