

### Product Information Sheet

#### Product

## Polymex® PK22E

#### Product Description

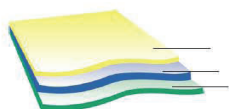
Polymex® PK22E is a bi-axially oriented, co-extruded, clear polyester film with a one side external chemical treatment to promote adhesion. Polymex® PK22E is ideal for use in industrial applications where high transparency is required, such as laminations, adhesive and insulation tapes. The treated surface 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® PK22E



Untreated surface  
Low haze PET  
Adhesion promoting surface

Property	Test Method	Unit	Value	
Film Thickness	-	micron	12	23
Film Yield	-	M <sup>2</sup> /Kg	59	31
Unit Weight	-	g/m <sup>2</sup>	17	32
Haze	ASTM D 1003-61	%	3	3.5
Tensile strength at break MD TD	ISO 527-1-2	N/mm <sup>2</sup>	220 260	230 240
Elongation at break MD TD	ISO 527-1-2	%	130 110	130 120
Density	ASTM D 1505-68	g/cm <sup>3</sup>	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® PK22E 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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