

Product Information Sheet

Product

Polymex® PK22I

Product Description

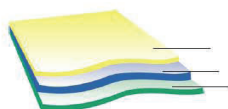
Polymex® PK22I is a bi-axially oriented, co-extruded, clear polyester film with a one side internal chemical treatment to promote adhesion. Polymex® PK22I is ideal for use in industrial applications where high transparency is required, such as laminations, adhesive and insulation tapes. The treated surface 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® PK22I



Untreated surface
Low haze PET
Adhesion promoting 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® PK22I 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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