

Product Information Sheet

Product

Polymex® PP22I

Product Description

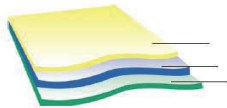
Polymex® PP22I is a bi-axially oriented, co-extruded clear polyester film which is chemically treated internally on one side to promote adhesion of A1-metallizing, printing inks, adhesives and coatings (self-test recommended). In addition the food contact approval allows it to be used in food contact applications. Polymex® PP22I is not suitable for laminating processes.

Available in thicknesses 12 – 75 micron.

Key Features

- Excellent Clarity
- Ideal for A1-metallizing
- Good adhesion to printing inks, adhesives and coatings

Structure of Polymex® PP22I



Untreated surface
Clear 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	%	1.8	2.2
Tensile strength at break MD TD	ISO 527-1-2	N/mm ²	230 260	230 260
Elongation at break MD TD	ISO 527-1-2	%	110 99	115 94
Density	ASTM D 1505-68	g/cm ³	1.395 (23°C)	
Coefficient of friction (static)	ASTM D 1894	-	0.4	
Shrinkage MD TD	150°C, 15 min	%	1.4 0.2	1.3 0.1

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

Applications

Polymex® PP22I 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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