

Product Information Sheet

Product

Polymex® PP2SI

Product Description

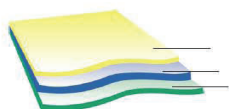
Polymex® PP2SI is a bi-axially oriented, co-extruded clear polyester film with a one side internal, solvent receptive chemical treatment. Polymex® PP2SI is ideal for use in applications where high transparency is required and is suitable for the manufacture of printed laminates for flexible packaging, particularly if the packaging is required to resist sterilization in hot water or steam (self-test recommended). In addition the food contact approval allows it to be used in food contact applications.

Available in thicknesses 12 – 75 micron.

Key Features

- Excellent Clarity
- Ideal for printed laminates for flexible packaging
- Good adhesion to solvent based printing inks and laminating adhesives

Structure of Polymex® PP2SI



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 95	115 100
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® PP2SI 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

+44 (0) 20 7740 9740
www.packagingfilm.co.uk