

Product Information Sheet

Product

Polymex® PP8BI

Product Description

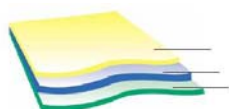
Polymex® PP8BI is a white internally peelable heat seal polyester lidding film and with an external chemical treatment to promote adhesion for inks and coatings. Polymex® PP8BI is suitable for hot peel packaging with a strong tear in cold applications (self-test recommended). In addition, Polymex® PP8BI is food approved so it can be utilised in food contact applications.

Available in a thickness of 50 micron.

Key Features

- High gloss, dimensionally stable leak resistant peelable seals
- Ideal for food packaging and lamination to APET and RPET
- Good oxygen and water vapour transmission — withstands temperatures down to -50°C
- Dual ovenable (standard/microwave)

Structure of Polymex® PP8BI



Adhesion promoting surface
 Opaque white PET
 Peelable heat seal surface

Property	Test Method	Unit	Value
Film Thickness	-	micron	50
Film Yield	-	M ² /Kg	14
Unit Weight	-	g/m ²	70
Oxygen Permeability	23°C/60/70%RH	Cm ³ /M ² /day/1 bar	30
Vapour Transmission	DIN 53380 38°C/90%RH	g/m ² /day	10
Tensile strength at break	ASTM D 822	MPa	190
MD			
			290
Elongation at break	ASTM D 822	%	150
MD			
			80
Heat Sealing Temperature	-	°C	160°C — 220°C
Max Temp at sealing tools	-	°C	225°C
Shrinkage	at 150°C (30 mins)	%	0.8
MD			
			0.2
TD			

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

Applications

Polymex® PP8BI 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