

### Product Information Sheet

#### Product

## Polymex® PZMSI

#### Product Description

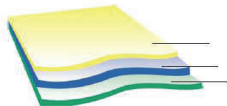
Polymex® PZMSI is an internal side metallised, external side acrylic coated polyester film to promote adhesion to ink and solvent coatings (self-test recommended). In addition, Polymex® PZMSI is food approved so it can be utilised in food contact applications.

Available in thicknesses of 8 and 12 micron.

#### Key Features

- High gloss, dimensionally stable metallized coating protects against natural and UV light
- Ideal for food packaging which requires high quality printing
- Good for decorative applications such as laminated luxury boxes and frozen food

#### Structure of Polymex® PZMSI



Adhesion promoting surface  
Low haze PET  
Metallised surface

Property	Test Method	Unit	Value
Film Thickness	-	micron	12
Film Yield	-	M <sup>2</sup> /Kg	59
Unit Weight	-	g/m <sup>2</sup>	17
Optical density	Macbeth	-	2.2
Tensile strength at break MD TD	ASTM D 822	daN/mm <sup>2</sup>	20 22
Elongation at break MD TD	ASTM D 822	%	130 100
Light transmission	Macbeth	%	0.6
Metal adhesion Heat seal test	Internal method	N/38mm	1.5
Shrinkage MD TD	at 150°C	%	1.5 0.5

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

#### Applications

Polymex® PZMSI 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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