

### Product Information Sheet

#### Product

## Polymex® PP2H3

#### Product Description

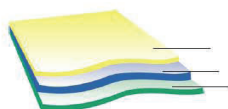
Polymex® PP2H3 is an industrial clear film which is chemically treated on one side externally and internally corona treated to promote adhesion to inks and coatings. Polymex® PP2H3 is ideal for use in applications where high transparency is required, such as label lamination and reprographics. The treated surfaces offer fantastic adhesion to typical inks, adhesives and is suitable high barrier laminates on food packaging (self-test recommended).

Available in a thickness of 12 micron.

#### Key Features

- Excellent clarity and thermal stability
- Ideal for printing, laminating and food packaging
- Good adhesion to inks, coatings and adhesives

#### Structure of Polymex® PP2H3



PVDC surface  
Clear PET  
Adhesion promoting 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
Haze	ASTM D 1894-78	%	4.5
Tensile strength at break MD TD	ASTM D 822	daN/mm <sup>2</sup>	18 20
Elongation at break MD TD	ASTM D 822	%	120 100
Co-efficient of friction (static)	ASTM D 1894	-	0.50
Roughness Ra Value MD TD	DIN 4768	nm	10
Shrinkage MD TD	30 min at 150°C	%	1.8 0.1

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

#### Applications

Polymex® PW122 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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