

Product Information Sheet

Product

Polymex® PP1E3

Product Description

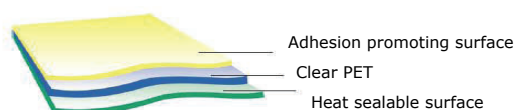
Polymex® PP1E3 is a co-extruded clear film and features a one side internal heat sealable, external side corona surface to promote adhesion. Polymex® PP1E3 can heat seal to itself and a variety of other types of polyester films such as standard PET, APET and its derivatives. In addition, the food contact approval allows it to be used in food contact applications.

Available in thicknesses 15, 20 and 30 micron.

Key Features

- Excellent clarity
- Ideal for food packaging, or as a protective laminate film
- Heat seals to itself and other polyester films

Structure of Polymex® PP1E3



Property	Test Method	Unit	Value
Film Thickness	-	micron	15 20
Film Yield	-	M ² /Kg	48 36
Unit Weight	-	g/m ²	21 28
Haze	ASTM D 1003-61	%	3.1 3.3
Tensile strength at break MD TD	ASTM D882-83	Mpa	165 230
Elongation at break MD TD	ISO 527-1-2	%	120 80
Sealing temperature	-	°C	140 – 220
Seal Strength	140°C, 40psi, 1sec	g/25mm	800
Shrinkage MD TD	150°C, 15min	%	1.4 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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