

### Product Information Sheet

#### Product

## Polymex® PQ231

#### Product Description

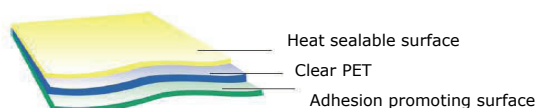
Polymex® PQ231 is a co-extruded clear film and features a one side external heat-sealable surface and corona treatment inside to promote adhesion. Polymex® PQ231 can heat seal to itself and a variety of other types of polyester films such as standard PET, APET and its derivatives. In addition, the food contact approval allows it to be used in food contact applications.

Available in thicknesses between 15 – 30 micron.

#### Key Features

- Excellent clarity
- Ideal for microwavable food packaging and single layer PET bags
- Heat seals to itself and other polyester films.

#### Structure of Polymex® PQ231



Property	Test Method	Unit	Value
Film Thickness	-	micron	15 30
Film Yield	-	M <sup>2</sup> /Kg	48 24
Unit Weight	-	g/m <sup>2</sup>	21 42
Haze	ASTM D 1003-61	%	3 5
Tensile strength at break MD TD	ASTM D 882	daN/mm <sup>2</sup>	20 22
Elongation at break MD TD	ISO 527-1-2	%	130 100
Min. sealing temperature	-	°C	130
Seal Strength	1sec @ 140°C	N/38 mm	7 9
Shrinkage MD TD	150°C, 30min	%	1.5 0.5

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

#### Applications

Polymex® PQ231 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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