

Product

PMX729 Clear

Based on **Melinex®** polyester film

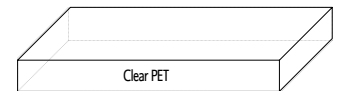
Product description

PMX729 is a sparkling, optically clear polyester film used in backlit display applications where the light box is fitted with a diffuser

Key Features

- Fully printable both sides on UV inkjet machines such as the Zund, Inca Eagle & Colombia, Vutek Press Vu, Nur Tempo and Durst Rho 160
- Extremely smooth surface allows better print definition
- Can be front or reverse printed to give a gloss or non-gloss effect
- Produces prints with excellent contrast between colours
- Superb, shiny, gloss prints when reverse printed and the image is viewed through the clear polyester
- Excellent thermal and dimensional stability and flatness
- Strong, robust print media for long lasting displays
- PMX729 is available in 125 microns in both reels and cut to size sheets

Structure of PMX729



Typical values

Property	Test method	Unit	Values
Film thickness	-	micron	125
Film yield	-	m ² /Kg	5.7
Unit weight	-	g/m ²	175
Density	ASTM D1505	g/cc	1.4
Haze	ASTM D1003	%	0.5
Total light transmittance (maximum)	ASTM D1003-77 (Gardner hazemeter)	%	87
Tensile strength at break (minimum)	MD	ASTM D882-83 (23°C, 50% rh, strain rate 50% min)	Kgf/mm ²
	TD		
Elongation at break	MD	ASTM D882-83 (23°C, 50% rh, strain rate 50% min)	%
	TD		
Force to elongate 5% of gauge length (F5 value)	MD	ASTM D882-83	Kgf/mm ²
	TD		
Upper melt temperature	ASTM E794-85	°C	255 to 260
Shrinkage	MD	5 mins at 190°C	%
	TD		
Co-efficient of thermal expansion (between 20 and 50°C)	MD	-	cm/cm/°C
	TD		

'MD' - Machine direction, 'TD' - Transverse direction



The information above is given in good faith and should be considered as a guide not a specification. Claims will not be accepted on film rejected more than 12 months after date of delivery.

Melinex® is a registered trade mark of DuPont Teijin Films (US) Partnership.

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