

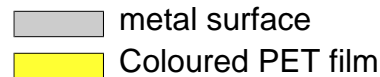
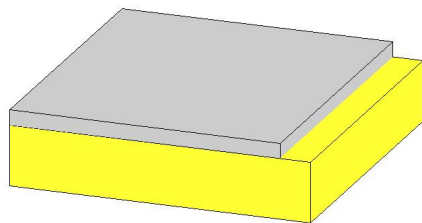


Polyfilm Polyplex Polyester Films

Type: MPF1004 (yellow, metallised PET film) 12my

Polyfilm MPF1004 is a yellow and metallised Polyester film, coloured in the mass. It is designed for various packaging, decorative and industrial applications. It has excellent machinability, sparkling gloss, flexibility and chemical resistance. It has excellent slip and dimensional stability over a wide range of temperatures.

Composition



Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	Polyplex Method	
Yield	m ² /kg	59.6	Polyplex Method	
Unit weight	g/m ²	16.8		
Elongation at break	MD %	130	ASTM D-882	
	TD %	100		
Tensile strength	MD kg/cm ²	1900	ASTM D-882	
	TD kg/cm ²	2200		
Thermal Properties				
Heat shrinkage	MD %	1.8	ASTM D-1204	150°C, 30minutes
	TD %	1.6		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Co-efficient of friction static (metal to film)		0.65	ASTM D-1894	
Co-efficient of friction dynamic (metal to film)		0.60	ASTM D-1894	
Optical Properties				
Optical density		2.2	Polyplex Method	
Barrier Properties				
metal to film	gm/25mm	175	Polyplex Method	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
12	76	12000	450
12	152	18000	570
12	152	24000	650

Disclaimer

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