



# POLYFILM

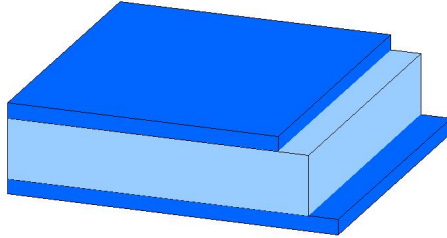
<http://www.polyfilmambalaj.com>

## Polyfilm Polyplex Polyester Film

### Ürün Cinsi : TF (plain) 9 Mikron

Polyfilm Transparent TF grade Polyester film is designed for use in printing, metallising, coating and lamination processes for flexible packaging application. It has good transparency, excellent machinability, sparkling gloss, flexibility and chemical resistance. It has excellent slip and dimensional stability over a wide range of temperatures.

### Composition



- standard surface
- core
- standard surface

### Typical Properties

Property	Units	Nominal	Method	Conditions
<b>Mechanical Properties</b>				
Nominal thickness	my	9	Polyplex Method	
Yield	m <sup>2</sup> /kg	79.4	Polyplex Method	
Unit weight	g/m <sup>2</sup>	12.60		
Density	g/cm <sup>3</sup>	1.4		
Elongation at break	MD %	125	ASTM D-882	
	TD %	120		
Tensile strength	MD kg/cm <sup>2</sup>	2000	ASTM D-882	
	TD kg/cm <sup>2</sup>	2100		
<b>Thermal Properties</b>				
Heat shrinkage	MD %	2.0	ASTM D-1204	150 Deg. C/30 min.
	TD %	0.2		

Property	Units	Nominal	Method	Conditions
<b>Surface Properties</b>				
Co-efficient of friction static		0.50	ASTM D-1894	
Co-efficient of friction dynamic		0.40	ASTM D-1894	
Surface tension (plain side)	dyne/cm	42	ASTM D-2578	
<b>Optical Properties</b>				
Light transmission	%	89	ASTM D-1003	
Haze	%	2.3	ASTM D-1003	
<b>Barrier Properties</b>				
O2 Permeability	cm <sup>3</sup> /m <sup>2</sup> day	135	ASTM D-3985-95	23 Deg. 0% RH
WVTR	g/m <sup>2</sup> day	45	ASTM F-1249	37.7 Deg. 90% RH

## Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
9	76	6000	273
9	76	12000	379
9	152	15000	442
9	152	20000	503
9	152	30000	606

## Disclaimer

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