



POLYFILM

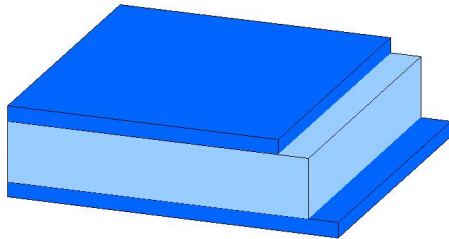
<http://www.polyfilmambalaj.com>




Polyfilm Polyplex Polyester Film

Type: TF (plain) 11 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
Mechanical Properties				
Nominal thickness	μ	11	Polyplex Method	
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
Tensile strength	MD kg/cm ²	2200	ASTM D-882	
	TD kg/cm ²	2300		
Thermal Properties				
Heat shrinkage	MD %	2.0	ASTM D-1204	150 Deg. C/30 min.
	TD %	0.2		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Co-efficient of friction static (A/B)		0.50	ASTM D-1894	
Co-efficient of friction dynamic (A/B)		0.38	ASTM D-1894	
Surface tension (plain side)	dyne/cm	42	ASTM D-2578	
Physical/Chemical Properties				
Density	g/cm ³	1.4		
Optical Properties				
Haze	%	2.3	ASTM D-1003	
Light transmission	%	88	ASTM D-1003	
Barrier Properties				
WVTR	g/m ² day	40	ASTM F-1249	37.7 Deg. 90% RH
O2 Permeability	cm ³ /m ² day	130	ASTM D-3985-95	23 Deg 0% RH
Yield Properties				
Yield	m ² /kg	65.20	Polyplex Method	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
11	152	12000	460
11	152	18000	550
11	152	27000	660

Disclaimer

The information given above is to the best of our knowledge and experience at the time of printing. We make no warranty, express or implied, for specific product properties or as to the fitness of the product for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification and should be read in conjunction with the general conditions for sale.

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