



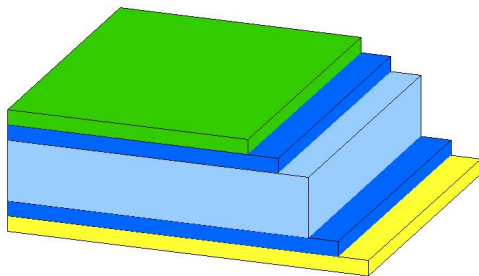
From the datasheet collection at <http://www.polyfilmambalaj.com>






Polyfilm Polyplex Polyester Films

Type: SF123 (both sides chemically treated) 12my

Polyfilm Transparent SF123 grade Polyester film has good handling properties and is pretreated on both sides to enhance adhesion to solvent based inks and coatings. It is primarily used for printing and coating in flexible packaging application.

Composition



-  chemical treatment
-  standard surface
-  core
-  standard surface
-  chemical treatment

Treatment

inside acrylic treated and outside co-polyester treated

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	PTL 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 %	125		
Tensile strength	MD kg/cm ²	2200	ASTM D-882	
	TD kg/cm ²	2300		

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	2.0	ASTM D-1204	150 Deg. C/30 minutes
	TD	%	0.2		
Surface Properties					
Co-efficient of friction (A/B) static			0.44	ASTM D-1894	
Co-efficient of friction (A/B) dynamic			0.34	ASTM D-1894	
Surface tension (acrylic treated side)	dyne/cm		42	ASTM D-2578	
Surface tension (copolyester treated side)	dyne/cm		56	ASTM D-2578	
Optical Properties					
Haze	%		2.3	ASTM D-1003	
Light transmission	%		88	ASTM D-1003	
Barrier Properties					
WVTR	gm/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

Standard Roll Presentation

Thickness μ	Core mm	Length m	outside diameter mm
12	76	6000	325
12	76	12000	450
12	152	18000	570
12	152	24000	650
12	152	36000	785

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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