

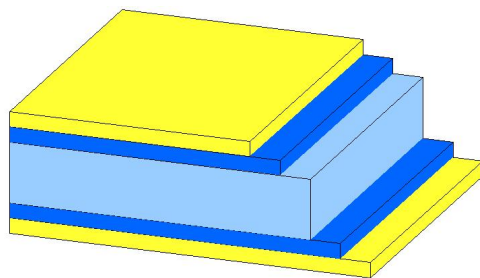







Polyfilm Polyplex Polyester Films

Type: SF122 (both sides chemically treated) 12my

Polyfilm Transparent SF122 grade Polyester film has good handling properties and is pretreated on both sides to enhance adhesion to various 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

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 %	125		
Tensile strength	MD kg/cm ²	2100	ASTM D-882	
	TD kg/cm ²	2200		
Thermal Properties				
Heat shrinkage	MD %	2.0	ASTM D-1204	150 Deg. C/30 minutes
	TD %	0.2		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Co-efficient of friction (A/B) static		0.38	ASTM D-1894	
Co-efficient of friction (A/B) dynamic		0.32	ASTM D-1894	
Surface tension (both side)	dyne/cm	42	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	Core	Length	outside diameter
μ	mm	m	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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