

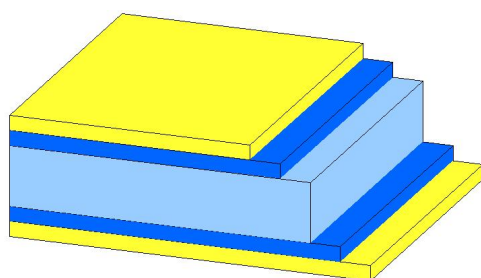


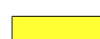




Polyfilm Polyplex Polyester Films

Type: SF155 (both side chemically primed) 12my

Polyfilm SF155 grade is both side specially primed polyester film to enhance adhesion to solvent and water based inks and coatings. The film can be used for flexible packaging and metallising application where the laminates used for application requires boiling water resistance e.g. retort application, exposure to oven and microwave heating.

Composition



-  chemical treatment
-  modified surface
-  core
-  modified surface
-  chemical treatment

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	PTL Method	
Yield	m^2/kg	59.7	PTL Method	
Unit weight	g/m^2	16.8		
Density	g/cm^3	1.4		
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 min.
	TD	%	0.2		
Surface Properties					
Co-efficient of friction static (A/B)			0.46	ASTM D-1894	
Co-efficient of friction dynamic (A/B)			0.42	ASTM D-1894	
Surface tension		dyne/cm	42	ASTM D-2578	
Physical/Chemical Properties					
Light transmission		%	88	ASTM D-1003	
Optical Properties					
Haze		%	2.0	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	12000	450
12	152	18000	570
12	152	24000	650

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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