

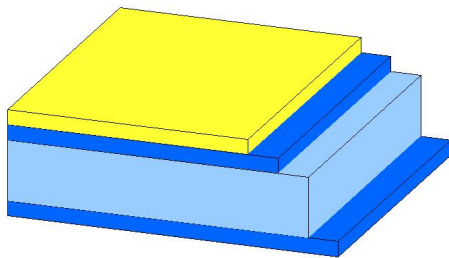






Polyfilm Polyplex Polyester Films **Type: S42**

(acrylic treated) 50my

Polyfilm Transparent S42 grade Polyester film has good handling properties and is pretreated on one side 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

Treatment

S42O = acrylic treated outside S42I = acrylic treated inside

Typical Properties

Property	Units	Nominal	Method	Conditions	
Mechanical Properties					
Nominal thickness	μ	50.0	PTL Method		
Tensile strength	MD	kg/cm ²	1900	ASTM D-882	
	TD	kg/cm ²	2000		
Elongation at break	MD	%	170	ASTM D-882	
	TD	%	150		
Yield	m ² /kg	14.3	Polyplex Method		
Thermal Properties					
Heat shrinkage	MD	%	1.6	ASTMD-1204	150 Deg. C/30 min.
	TD	%	0.2		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Surface tension (chemically treated side)	Dyne/cm	42	ASTM D-2578	
Surface tension (plain side)	Dyne/cm	42	ASTM D-2578	
Co-efficient of friction static (A/B)		0.42	ASTMD-1894	
Co-efficient of friction dynamic (A/B)		0.32	ASTMD-1894	
Physical/Chemical Properties				
Light transmission	%	88	ASTM D-1003	
Optical Properties				
Haze	%	3.0	ASTM D-1003	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
50	76	3000	460
50	152	3000	410
50	152	4500	585
50	152	6000	665

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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