

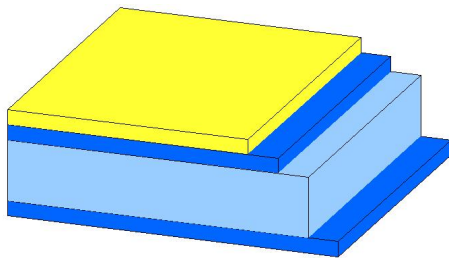






Polyfilm Polyplex Polyester Films

Type: S42 (acrylic treated) 150my

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

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	150	Polyplex Method	
Unit weight	g/m ²	210		
Yield	m ² /kg	4.76	Polyplex method	
Elongation at break	MD %	200	ASTM D-882	
	TD %	180		
Tensile strength	MD kg/cm ²	1600	ASTM D-882	
	TD kg/cm ²	1700		

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	1.2	ASTM D-1204	150 Deg. C/30 min.
	TD	%	0.2		
Surface Properties					
Surface tension (coated side)	Dyne/cm		42	ASTM D-2578	
Co-efficient of friction (A/B) static			0.38	ASTM D-1894	
Co-efficient of friction (A/B) dynamic			0.28	ASTM D-1894	
Physical/Chemical Properties					
Light transmission	%		87	ASTM D-1003	
Optical Properties					
Haze	%		8.0	ASTM D-1003	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
150	152	3000	772
150	152	4500	940
150	152	6000	1081

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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