

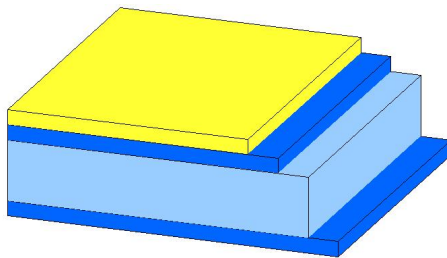


Polyfilm Polyplex Polyester Films

Type: S42 (acrylic treated) 9my

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 = outside treated S42I = inside treated

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	9.0	Polyplex Method	
Yield	m ² /kg	79.4	Polyplex Method	
Unit weight	g/m ²	12.6		
Elongation at break	MD %	125	ASTM D-882	
	TD %	120		
Tensile strength	MD kg/cm ²	2000	ASTM D-882	
	TD kg/cm ²	2100		
Thermal Properties				
Heat shrinkage	MD %	2.0	ASTM D-1204	150 Deg. C/30 min.
	TD %	0.2		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Co-efficient of friction static		0.42	ASTM D-1894	
Co-efficient of friction dynamic		0.32	ASTM D-1894	
Surface tension chemically treated side	dyne/cm	42	ASTM D-2578	
Physical/Chemical Properties				
Light transmission	%	89	ASTM D-1003	
Optical Properties				
Haze	%	2.3	ASTM D-1003	

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.

Edition: 7/2015