

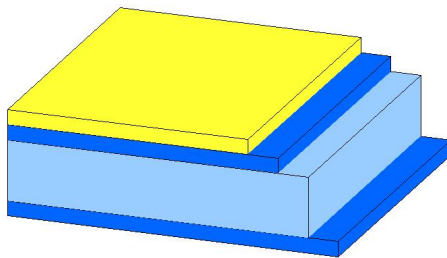


Polyfilm Polyplex Polyester Films **Type: S42**

(acrylic treated) 15my

PolyfilmTransparent 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	15	PTL Method	
Tensile strength	MD kg/cm ²	2100	ASTM D-882	
	TD kg/cm ²	2200		
Elongation at break	MD %	130	ASTM D-882	
	TD %	120		

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	1.6	ASTM D-1204	150 Deg. C/30 min.
	TD	%	0.0		
Surface Properties					
Surface tension chemically treated side	dyne/cm		42	ASTM D-2578	
Surface tension chemically untreated side	dyne/cm		42	ASTM D-2578	
Co-efficient of friction static			0.44	ASTM D-1894	
Co-efficient of friction dynamic			0.40	ASTM D-1894	
Physical/Chemical Properties					
Light transmission	%		90	ASTM D-1003	
Optical Properties					
Gloss	%		170	ASTM D523	60 Degree
Haze	%		3.0	ASTM D-1003	
Barrier Properties					
WVTR	g/m ² .Day		28	ISO 15106-I: 03	23 Deg. 90% RH
O2 Permeability	cc/m ² .Day		100	ASTM D 3985-95	23 Deg. 0% RH

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
15	152	9000	465
15	152	15000	585
15	152	18000	635

Disclaimer

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