

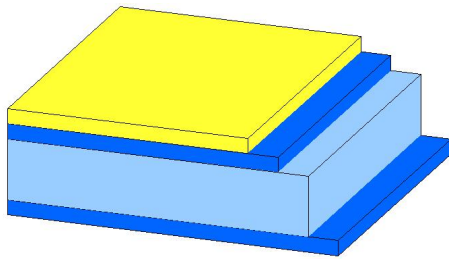






PolyfilmPolyplex Polyester Films

Type: S60 (high bond strength application) 10my

PolyfilmTransparent S60 types Polyester Film has been specially pretreated on one side to enhance adhesion to various inks. It is an excellent base film for high bond strength applications or applications demanding thermal treatment. It is the obligation of the customer to test any specific application.

Composition



-  chemical treatment
-  modified surface
-  core
-  modified surface

Treatment

1) S60I: One side chemically treated (wound inside) 2) S60O: One side chemically treated (wound outside)

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	10	PCL Method	
Yield	m^2/kg	71.4	PCL Method	
Unit weight	g/m^2	14		
Density	g/cm^3	1.4		
Elongation at break	MD %	130	ASTM D-882	

Property	Units		Nominal	Method	Conditions
	TD	%	125		
Tensile strength	MD	kg/cm ²	2200	ASTM D-882	
	TD	kg/cm ²	2300		
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			0.44	ASTM D-1894	
Co-efficient of friction dynamic			0.36	ASTM D-1894	
Surface tension (untreated side)		dyne/cm	42	ASTM D-2578	
Surface tension (chemically treated side)		dyne/cm	58	ASTM D-2578	
Optical Properties					
Haze		%	2.3	ASTM D-1003	
Light transmission		%	89	ASTM D-1003	
Barrier Properties					
O2 Permeability		cm ³ /m ² /day	130	ASTM-D-3985-95	23°C/0% r.H.
WVTR		g/m ² /day	45	ASTM F-1249	23°C/90% r.H.

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
10	76	6000	300
10	76	12000	410
10	152	24000	600
10	152	36000	720

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.