

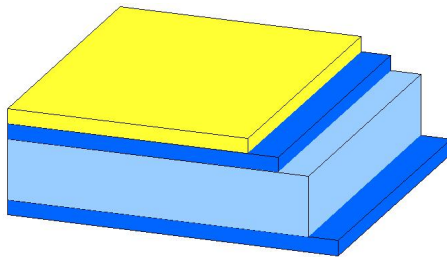






Polyfilm Polyplex Polyester Films

Type: S60 (high bond strength application) 12my

Polyfilm Transparent 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	12	PCL Method	
Yield	m^2/kg	59.6	PCL Method	
Unit weight	g/m^2	16.8		
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		%	88	ASTM D-1003	
Barrier Properties					
WVTR		g/m ² /day	40	ASTM F-1249	23°C/90% r.H.
O2 Permeability		cm ³ /m ² /day	130	ASTM-D-3985-95	23°C/0% r.H.

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
12	76	6000	325
12	76	12000	450
12	152	24000	650
12	152	36000	785

Disclaimer

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