

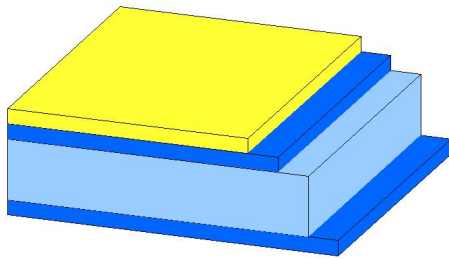






Polyfilm Polyplex Polyester Films

Type: S60 (high bond strength application) 23my

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

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	1.6	ASTM D-1204	150 Deg. C/30 min.
	TD	%	0.2		
Surface Properties					
Co-efficient of friction static			0.45	ASTM D-1894	
Co-efficient of friction dynamic			0.35	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	%		3.0	ASTM D-1003	
Light transmission	%		88	ASTM D-1003	
Barrier Properties					
Oxygen	cm ³ /m ² 24hr bar		70	ASTM-D-3985-95	23°C/0% r.H.
WVTR	gm/m ² 24hr		17	ISO 15106-I:03	37.7°C/90% r.H.
Yield Properties					
Yield	m ² /kg		31.2	PCL Method	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
23	76	6000	426
23	76	12000	598
23	152	24000	852

Disclaimer

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