



POLYFILM

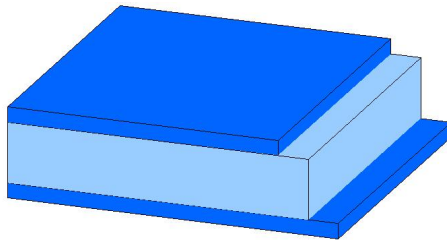
From the datasheet collection at <http://www.polyfilmambalaj.com>

Polyfilm Polyplex Polyester Films

Type: TFS 19my

Polyfilm Transparent TFS grade Polyester film has been specially designed for hot stamping foil. It has excellent dimensional stability at higher operating temperature.

Composition



- standard surface
- core
- standard surface

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	19	PTL Method	
Yield	m ² /kg	37.6	Polyplex Method	
Unit weight	g/m ²	26.6		
Density	g/cm ³	1.4		
Elongation at break	MD %	135	ASTM D-882	
	TD %	140		
Tensile strength	MD kg/cm ²	2200	ASTM D-882	
	TD kg/cm ²	2100		
Thermal Properties				
Heat shrinkage	MD %	3.8	ASTM D-1204	190 Deg. C/5 minutes
	TD %	0.2		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Co-efficient of friction static (A/B)		0.46	ASTM D-1894	
Co-efficient of friction dynamic (A/B)		0.36	ASTM D-1894	
Surface Tension	dyne/cm	42	ASTM D-2578	
Optical Properties				
Haze	%	2.8	ASTM D-1003	
Light transmission	%	88	ASTM D-1003	
Barrier Properties				
WVTR	g/m ² .day	20	ASTM F-1249	23deg., 90% RH
O2 Permeability	cm ³ /m ² .day	85	ASTM D-3985-95	23 Deg., 0%RH

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
19	152	8000	490
19	152	12000	585
19	152	15000	650

Disclaimer

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