



POLYFILM

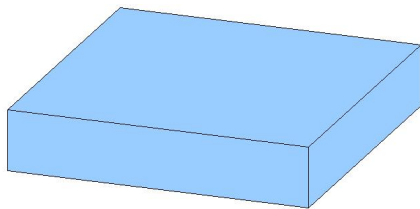
From the datasheet collection at <http://www.polyfilmambalaj.com>

Polyfilm Polyplex Polyester Films

Type: TWL100 - White opaque film 50my

Polyfilm TWL100 grade Polyester film is designed for use in lidding and other packaging applications. It has good opacity and excellent machinability. TWL100 provides excellent slip, flatness, puncture resistance and dimensional stability over a wide range of temperatures.

Composition



 Polyester layer

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	50	Polyplex Method	
Yield	m ² /kg	13.8	Polyplex Method	
Unit weight	g/m ²	70.00		
Elongation at break	MD %	150	ASTM D-882	
	TD %	100		
Tensile strength	MD kg/cm ²	1500	ASTM D-882	
	TD kg/cm ²	1900		
Thermal Properties				
Heat shrinkage	MD %	1.0	ASTM D-1204	150 Deg. C/30 min.
	TD %	1.2		

Property	Units	Nominal	Method	Conditions
Surface Properties				
Surface tension	Dyne/cm	42	ASTM D-2578	
Co-efficient of friction (A/B) static		0.45	ASTM D-1894	
Co-efficient of friction (A/B) dynamic		0.40	ASTM D-1894	
Optical Properties				
Light transmission	%	27.0	ASTM D-1003	
Barrier Properties				
WVTR	g/m ² .Day	7.0	ASTM F-1249	38°C, 90%RH
O2 Permeability	cm ³ /m ² .Day	30.0	ASTM D-3985-95	23°C, 0%RH

Disclaimer

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