

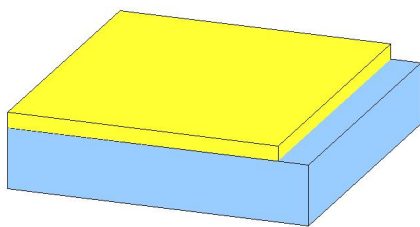


Polyfilm Polyplex Polyester Films

Type: TWL102 - White Lidding Film (acrylic treated) 12my

Polyfilm TWL102 Polyester film is designed for use in lidding and other packaging applications. It has good opacity and excellent machinability. TWL102 provides excellent slip, flatness, puncture resistance and dimensional stability over a wide range of temperatures. The film has an acrylic treatment on one side to enhance adhesion to various coatings and printing inks. The film complies with EU regulations for food contact applications.

Composition



- acrylic treatment
- Polyester layer

treatment

TWL102: Outside chemically treated

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	Polyplex Method	
Yield	m^2/kg	59.6	Polyplex Method	
Unit weight	g/m^2	16.80		
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
Tensile strength	MD kg/cm^2	1600	ASTM D-882	
	TD kg/cm^2	2000		

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	1.6	ASTM D-1204	150° Deg. C/30 min.
	TD	%	1.4		
Surface Properties					
Surface tension (treated surface)	Dyne/cm		42	ASTM D-2578	
Co-efficient of friction (A/B) static			0.42	ASTM D-1894	
Co-efficient of friction (A/B) dynamic			0.32	ASTM D-1894	
Optical Properties					
Gloss	%		80.0	ASTM D-2457	60° Deg.
Light transmission	%		53.0	ASTM D-1003	
Opacity	%		61.0	ASTM D-2457	

Disclaimer

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