



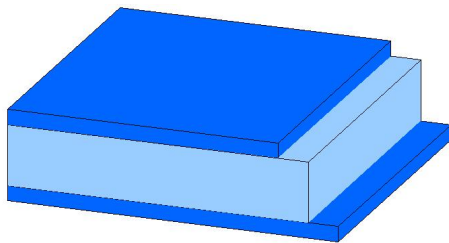
From the datasheet collection at <http://www.polyfilmambalaj.com>




Polyfilm Polyplex Polyester Films

Type: CF100 high clarity PET film 50my

Polyfilm Ultra Clear CF grade Polyester film is designed as base film for high clarity packaging and industrial applications. It has good transparency, excellent machinability, sparkling gloss, flexibility and chemical resistance.

Composition



-  standard surface
-  core
-  standard surface

treatment

CF100 = clear film (untreated)

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	50	Polyplex Method	
Yield	m^2/kg	14.3	Polypex Method	
Unit weight	g/m^2	70		
Density	g/cm^3	1.4		
Elongation at break	MD %	170	ASTM D-882	
	TD %	150		
Tensile strength	MD kg/cm^2	1900	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/15 minutes
	TD	%	0.2		
Surface Properties					
Co-efficient of friction (A/B) static			0.45	ASTM D-1894	
Co-efficient of friction (A/B) dynamic			0.40	ASTM D-1894	
Surface tension	dyne/cm		42	ASTM D-2578	
Physical/Chemical Properties					
Haze	%		1.5	ASTM D-1003	
Light transmission	%		88	ASTM D-1003	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
50	76	3000	460
50	152	4500	585
50	152	6000	665

Disclaimer

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Edition: 11/2011