



POLYFILM

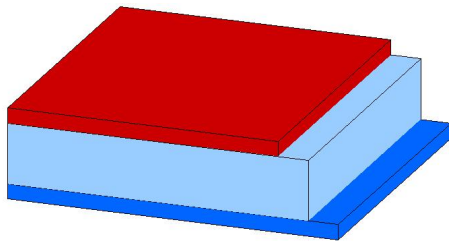
From the datasheet collection at <http://www.polyfilmambalaj.com>




Polyfilm Polyplex Polyester Films

Type: DE101 direct embossable PET film 13my

Polyfilm DE is designed specifically for Holographic applications which require direct soft embossing. It is a very clear and glossy co extruded polyester film with one side embossable surface. This surface is suitable for high speed embossing at low temperatures without any further coatings.

Composition



-  Embossable surface
-  core
-  standard surface

treatment

DE100: One side embossable surface - wound inside DE101: One side embossable surface - wound outside

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	13	Polyplex Method	
Yield	m ² /kg	59.7	Polypex Method	
Unit weight	g/m ²	18.2		
Density	g/cm ³	1.4		
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
Tensile strength	MD kg/cm ²	1800	ASTM D-882	
	TD kg/cm ²	1900		

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	2.0	ASTM D-1204	150 Deg. C/30 minutes
	TD	%	0.2		
Surface Properties					
Co-efficient of friction static			0.50	ASTM D-1894	
Co-efficient of friction dynamic			0.40	ASTM D-1894	
Optical Properties					
Haze		%	1.0	ASTM D-1003	

Standard Roll Presentation

Thickness μ	Core mm	Length m	outside diameter mm
13	76	6000	324
13	76	12000	452
13	152	18000	567
13	152	24000	649
13	152	36000	787

Disclaimer

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