

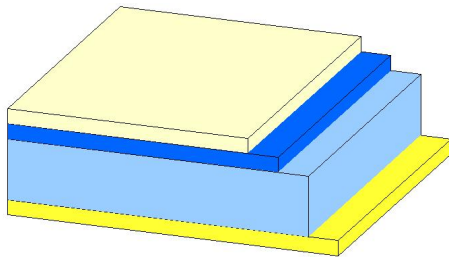






Polyfilm Polyplex Polyester Films

Type: DL140 matte PET film 12my

Polyfilm Low gloss DL grade Polyester film is specially designed as base film for packaging and industrial applications. This translucent film is a co extruded film and has one side matt appearance with low gloss and other side standard PET surface with chemical treatment for enhanced adhesion to water based inks, coatings.

Composition



-  matte surface
-  standard surface
-  core
-  chemical treatment

treatment

DL140 = outside matte, inside chemically treated DL104 = inside matte, outside chemically treated

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	Polyplex Method	
Yield	m ² /kg	59.7	Polypex Method	
Unit weight	g/m ²	16.8		
Density	g/cm ³	1.4		
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		

Property	Units		Nominal	Method	Conditions
Tensile strength	MD	kg/cm ²	1800	ASTM D-882	
	TD	kg/cm ²	1900		
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 (coated/uncoated)			0.48	ASTM D-1894	
Co-efficient of friction dynamic (coated/uncoated)			0.42	ASTM D-1894	
Optical Properties					
Haze		%	28	ASTM D-1003	
Barrier Properties					
WVTR		gm/m ² /day	40	ASTM F-1249	37.7 deg., 90%rh
Gloss at 60 deg. matt surface			50	ASTM D-2457	
O2 Permeability		cm ³ /m ² /day	130	ASTM D-3985-95	23 deg., 0%rh

Standard Roll Presentation

Thickness μ	Core mm	Length m	outside diameter mm
12	76	6000	325
12	76	12000	450
12	152	18000	570
12	152	24000	650
12	152	36000	785

Disclaimer

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