

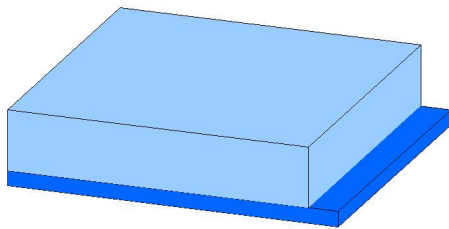


## Polyfilm Polyplex Polyester Films

### Type: DL100 matte PET film 36my

Polyfilm 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 normal gloss.

### Composition



- core
- matte surface
- standard surface

### treatment

DL100 = one side normal matt and other side plain (matt wound inside)

### Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	$\mu$	36	Polyplex Method	
Yield	$m^2/kg$	19.9	Polypex Method	
Unit weight	$g/m^2$	50.4		
Density	$g/cm^3$	1.4		
Elongation at break	MD %	140	ASTM D-882	
	TD %	130		
Tensile strength	MD $kg/cm^2$	2000	ASTM D-882	
	TD $kg/cm^2$	2100		

Property	Units		Nominal	Method	Conditions
<b>Thermal Properties</b>					
Heat shrinkage	MD	%	1.6	ASTM D-1204	150 Deg. C/15 minutes
	TD	%	0.2		
<b>Surface Properties</b>					
Co-efficient of friction static			0.50	ASTM D-1894	
Co-efficient of friction dynamic			0.45	ASTM D-1894	
<b>Optical Properties</b>					
Haze		%	35	ASTM D-1003	
<b>Barrier Properties</b>					
Gloss at 60 deg matt surface			45	ASTM D-2457	

## Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
36	76	3000	400
36	76	4500	480
36	152	8000	650

## Disclaimer

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