

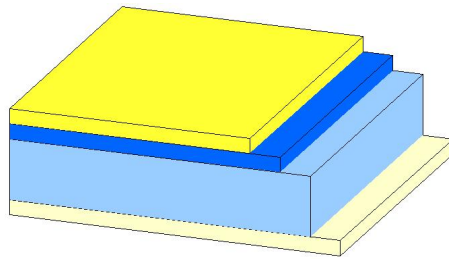






Polyfilm Polyplex Polyester Films

Type: DL102 matte PET film 12my

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 chemical treatment for enhanced adhesion to solvent based inks, coatings.

Composition



-  chemical treatment
-  standard surface
-  core
-  matt surface

treatment

DL102 = One side matt, other side chemical treated (chemical treated outside) DL120 = One side matt, other side chemical treated (chemical treated inside)

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	Polyplex Method	
Yield	m ² /kg	59.6	Polypex Method	
Unit weight	g/m ²	16.8		
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
Tensile strength	MD kg/cm ²	2100	ASTM D-882	
	TD kg/cm ²	2100		

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			0.42	ASTM D-1894	
Co-efficient of friction dynamic			0.36	ASTM D-1894	
Surface tension coated side	Dyne/cm		42	ASTM D-2578	
Optical Properties					
Haze		%	33	ASTM D-1003	
Barrier Properties					
Gloss at 60 deg. (matte surface)			42	ASTM D-2457	

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	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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