

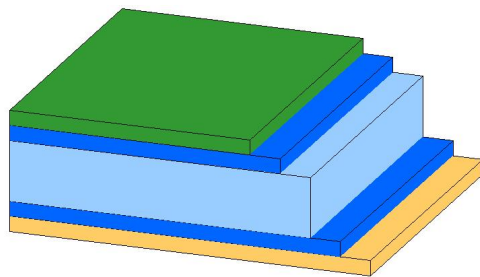







Polyfilm Polyplex Polyester Films

Type: PE191 (chemically primed) 12my

Polyfilm PE polyester film is chemically primed on one side for direct extrusion with a variety of extrusion coating resins. It has high strength, flexibility, good dimensional stability and excellent chemical resistance. Additional prior priming or corona treatment is not required for extrusion coating with many resins.

Composition



-  primer treated surface
-  modified surface
-  core
-  modified surface
-  corona treatment

Treatment

PE119 - Transparent-preprimed outside, corona inside

PE191 - Transparent-preprimed inside, corona outside

Typical Properties

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	12	Polyplex Method	
Yield	m ² /kg	59.6	Polyplex Method	
Unit weight	g/m ²	16.80		
Density	g/cm ³	1.4		
Elongation at break	MD %	120	ASTM D-882	
	TD %	100		
Tensile strength	MD kg/cm ²	2200	ASTM D-882	
	TD kg/cm ²	2300		

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	2.0	ASTM D-1204	150 Deg. C/30 minutes
	TD	%	0.4		
Surface Properties					
Co-efficient of friction static (A/B)			0.60	ASTM D-1894	
Co-efficient of friction dynamic (A/B)			0.54	ASTM D-1894	
Surface tension (chemically treated side)	dyne/cm		58	ASTM D-2578	
Surface tension (corona treated side)	dyne/cm		58	ASTM D-2578	
Optical Properties					
Haze		%	2.5	ASTM D-1003	

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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