

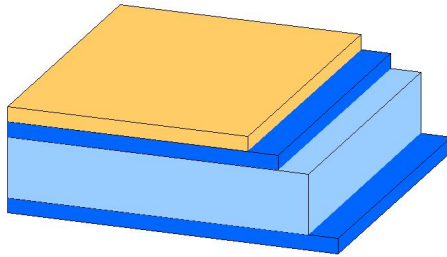






Polyfilm Polyplex Polyester Films

Type: TFC (corona treated) 10my

Polyfilm Transparent TFC grade Polyester film is designed for use in printing, metallising, coating and lamination processes for flexible packaging application. It has good transparency, excellent machinability, sparkling gloss, flexibility and chemical resistance. It has excellent slip and dimensional stability over a wide range of temperatures.

Composition



-  corona treatment
-  standard surface
-  core
-  standard surface

Treatment

TFCO = corona treated outside TFCI = corona treated inside

Typical Properties

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	10	Polyplex Method	
Density	g/cm^3	1.4		
Yield	m^2/kg	71.4	Polyplex Method	
Unit weight	g/m^2	14		
Elongation at break	MD %	130	ASTM D-882	
	TD %	125		
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 min.
	TD	%	0.2		
Surface Properties					
Co-efficient of friction static			0.52	ASTM D-1894	
Co-efficient of friction dynamic			0.42	ASTM D-1894	
Surface tension (Corona treated side)	dyne/cm		54	ASTM D-2578	
Optical Properties					
Haze		%	2.3	ASTM D-1003	
Light transmission		%	89	ASTM D-1003	
Barrier Properties					
WVTR		g/m ² day	45	ASTM F-1249	37.7 Deg. 90% RH
O2 Permeability		cm ³ /m ² day	135	ASTM D-3985-95	23 Deg. 0% RH

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
10	76	6000	300
10	76	12000	415
10	152	15000	490
10	152	20000	555
10	152	30000	665

Disclaimer

The information given above is to the best of our knowledge and experience at the time of printing. We make no warranty, express or implied, for specific product properties or as to the fitness of the product for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification and should be read in conjunction with the general conditions for sale.

Edition: 8/2012