

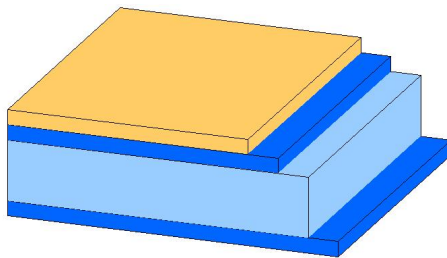


Polyfilm Polyplex Polyester Films

Type: TFC (corona treated) 100my

Polyfilm Transparent TFC grade Polyester film is designed for various industrial. 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

Provisional data

Property	Units	Nominal	Method	Conditions
Mechanical Properties				
Nominal thickness	μ	100	Polyplex Method	
Yield	m ² /kg	7.1	Polyplex Method	
Unit weight	g/m ²	140		
Density	g/cm ³	1.4		
Elongation at break	MD %	200	ASTM D-882	
	TD %	180		
Tensile strength	MD kg/cm ²	1600	ASTM D-882	
	TD kg/cm ²	1700		

Property	Units	Nominal	Method	Conditions
Thermal Properties				
Heat shrinkage	MD	%	1.2	ASTMD-1204
	TD	%	0.2	
Surface Properties				
Co-efficient of friction static			0.44	ASTMD-1894
Co-efficient of friction dynamic			0.38	ASTMD-1894
Surface tension (corona treated side)	dyne/cm		52	ASTM D-2578
Optical Properties				
Haze	%		4.5	ASTM D-1003
Electrical Properties				
Break down voltage	KV		14	ASTM D-149

Standard Roll Presentation

Thickness	Core	Length	outside diameter
μ	mm	m	mm
100	152	3000	637
100	152	4000	730
100	152	6000	887

Disclaimer

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