

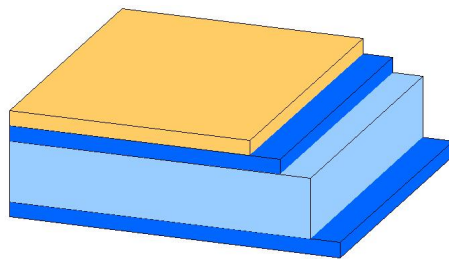






Polyfilm Polyplex Polyester Films

Type: TFSC (corona treated) 12my

Polyfilm Transparent TFSC grade Polyester film has been specially designed for metallising processes for stringent applications like stamping foil, metallic yarn, transfer metallising and tension coating operations. The film has excellent dimensional stability at higher operating temperature.

Composition



-  corona treatment
-  standard surface
-  core
-  standard surface

Treatment

TFSCI = heat stabilised film, corona treated inside
TFSCO = heat stabilised film, corona treated outside

Typical Properties

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		
Elongation at break	MD %	125	ASTM D-882	
	TD %	130		
Tensile strength	MD kg/cm ²	2300	ASTM D-882	
	TD kg/cm ²	2200		

Property	Units		Nominal	Method	Conditions
Thermal Properties					
Heat shrinkage	MD	%	3.8	ASTM D-1204	190 Deg. C/5 minutes
	TD	%	0.2		
Surface Properties					
Co-efficient of friction static A-B			0.50	ASTM D-1894	
Co-efficient of friction dynamic A-B			0.40	ASTM D-1894	
Surface tension (corona treated side)	dyne/cm		56	ASTM D-2578	
Surface tension (plain side)	dyne/cm		42	ASTM D-2578	
Optical Properties					
Haze	%		2.5	ASTM D-1003	
Light transmission	%		88	ASTM D-1003	

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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