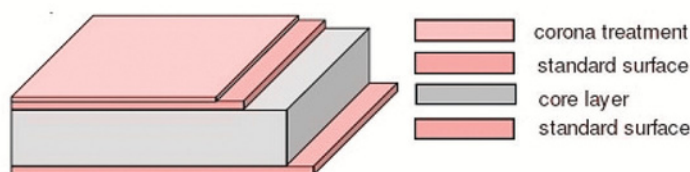


PX-TFSC-TRNS-CRNI-OUT-BOPET

Sarafil TFSC grade Transparent 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 have excellent dimensional stability at higher operating temperature



MICRON(GAUGE) 36, 50 (144, 200)

TYPE **TFSCI** Heat stabilised film, Corona Inside
TFSCO Heat Stabilised film, Corona Outside

PROPERTIES	TEST METHOD	UNIT	36(144) MICRON (GAUGE)	50(200) MICRON (GAUGE)
TYPICAL VALUES				
NOMINAL THICKNESS	Polyplex Method	Micron	36	50
		Gauge	144	200
YIELD	Polyplex Method	m2/kg	19.9	14.3
		in2/lb	14000	10100
MECHANICAL PROPERTIES				
TENSILE STRENGTH				
MD	ASTM D-882	kg/cm2	2000	1900
		kpsi	28.6	27.2
TD	ASTM D-882	kg/cm2	2100	2000
		kpsi	30	28.6
ELONGATION AT BREAK				
MD	ASTM D-882	%	150	170

PX-TFSC-TRNS-CRN1-OUT-BOPET

PROPERTIES	TEST METHOD	UNIT	36(144) MICRON (GAUGE)	50(200) MICRON (GAUGE)
TD	ASTM D-882	%	145	150
THERMAL PROPERTIES				
HEAT SHRINKAGE (AT 190 DEG. C FOR 5 MIN)				
MD	ASTM D-1204	%	3.8	4.0
TD	ASTM D-1204	%	0.2	0.2
SURFACE PROPERTIES				
CO-EFFICIENT OF FRICTION, (A/B)				
STATIC	ASTM D-1894		0.44	0.44
DYNAMIC	ASTM D-1894		0.34	0.34
SURFACE TENSION				
PLAIN SIDE	ASTM D-2578	Dyne/cm	42	42
CORONA SIDE	ASTM D-2578	Dyne/cm	56	56
OPTICAL PROPERTIES				
HAZE	ASTM D-1003	%	3.6	4.2
LIGHT TRANSMISSION	ASTM D-1003	%	88	88
ELECTRICAL PROPERTIES				
BREAKDOWN VOLTAGE	ASTM D-149 (0.25 electrodes in dry air)	Kv	9	11

Note: Above properties can be changed to meet the specific requirement of customers.