

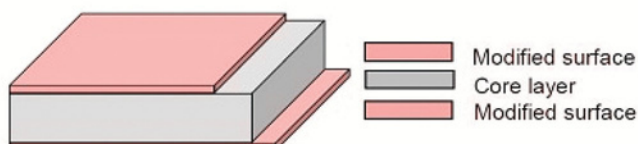
PX-TF-200G-TRNS-UNTRT-BOPET

BOPET FILMS

Version No.: 485/ 0.2

Date: 16 Jan 2015

Sarafil TF grade Transparent Polyester film is designed for use in printing, metallising, coating and lamination processes for flexible packaging applications. It can also be used for various industrial applications. 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.



MICRON(GAUGE) 50 (200)

TYPE TF Polyester film (Untreated)

PROPERTIES	TEST METHOD	UNIT	50(200) MICRON (GAUGE)
TYPICAL VALUES			
NOMINAL THICKNESS	Polyplex Method	Micron	50
		Gauge	200
YIELD	Polyplex Method	m2/kg	14.3
		in2/lb	10000
MECHANICAL PROPERTIES			
TENSILE STRENGTH			
MD	ASTM D-882	kg/cm2	1900
		kpsi	27.2
TD	ASTM D-882	kg/cm2	2000
		kpsi	28.6
ELONGATION AT BREAK			
MD	ASTM D-882	%	170

PX-TF-200G-TRNS-UNTRT-BOPET

PROPERTIES	TEST METHOD	UNIT	50(200) MICRON (GAUGE)
TD	ASTM D-882	%	150
THERMAL PROPERTIES			
HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)			
MD	ASTM D-1204	%	1.6
TD	ASTM D-1204	%	0.2
SURFACE PROPERTIES			
CO-EFFICIENT OF FRICTION, (A/B)			
STATIC	ASTM D-1894		0.42
DYNAMIC	ASTM D-1894		0.32
SURFACE TENSION			
PLAIN SIDE	ASTM D-2578	Dync/cm	42
OPTICAL PROPERTIES			
HAZE	ASTM D-1003	%	4.2
LIGHT TRANSMISSION	ASTM D-1003	%	88
ELECTRICAL PROPERTIES			
BREAKDOWN VOLTAGE	ASTM D-149 (0.25 electrodes in dry air)	Kv	11

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