## Sarafil®



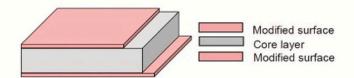
**BOPET FILMS** 

Version No.: 485/ 0.2

Date: 16 Jan 2015

## **PX-SAR-TF200G-TRANS-BOPET**

**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)
TYPE

50 (200)

TF

Polyester film (Untreated)

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

Note: The information given above is believe to be true & accurate and is not intended to violate any statutory condition or right of a third party PHC makes no warranty, express or implied, as to the fitness of the products for any specific use or purpose. The above is purely for reader's consideration, investigation and verification

## Sarafil®



## **PX-SAR-TF200G-TRANS-BOPET**

PROPERTIES	TEST METHOD	UNIT	50(200) MICRON (GAUGE)
TD	ASTM D-882	%	150
THERMAL PROPERTIES			
HEAT SHRINKAGE (AT 1	50 DEG. C FO	R 30 MIN)	
MD	ASTM D- 1204	%	1.6
TD	ASTM D- 1204	%	0.2
SURFACE PROPERTIES			
CO-EFFICIENT OF FRICT	TION, (A/B)		
STATIC	ASTM D- 1894		0.42
DYNAMIC	ASTM D- 1894		0.32
SURFACE TENSION			
PLAIN SIDE	ASTM D- 2578	Dyne/cm	42
OPTICAL PROPERTIES			
HAZE	ASTM D- 1003	%	4.2
LIGHT TRANSMISSION	ASTM D- 1003	%	88
ELECTRICAL PROPERT	ES		
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.