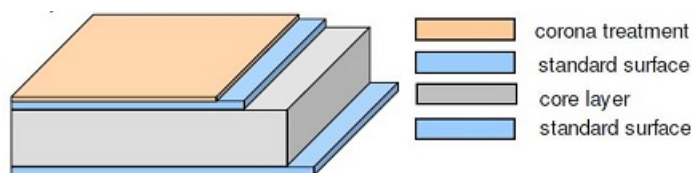


## BOPET FILM

Version No.: 13/ 1.8

Date: 19 Dec 2020

**Sarafil TFC** grade Transparent Polyester film is designed for use in printing, metallising, coating and lamination processes for flexible packaging applications. The film posses good transparency, excellent machinability, sparkling gloss, flexibility and chemical resistance. The film have excellent slip and dimensional stability over a wide range of temperatures.



**MICRON(GAUGE)** 10, 12 (40, 48)

**TYPE**

**TFCI**

Polyester film, Corona treated Inside

**TFCO**

Polyester film, Corona treated Outside

PROPERTIES	TEST METHOD	UNIT	10(40) MICRON (GAUGE)	12(48) MICRON (GAUGE)
<b>PROPERTIES</b>				
NOMINAL THICKNESS	Polyplex Method	Micron	10	12
		Gauge	40	48
YIELD	Polyplex Method	m <sup>2</sup> /kg	71.4	59.6
		in <sup>2</sup> /lb	50400	42000
<b>MECHANICAL PROPERTIES</b>				
<b>TENSILE STRENGTH</b>				
MD	ASTM D-882	kg/cm <sup>2</sup>	2200	2200
		kpsi	31.5	31.5
TD	ASTM D-882	kg/cm <sup>2</sup>	2300	2300
		kpsi	32.9	32.9
<b>ELONGATION AT BREAK</b>				
MD	ASTM D-882	%	130	130

PROPERTIES	TEST METHOD	UNIT	10(40) MICRON (GAUGE)	12(48) MICRON (GAUGE)
TD	ASTM D-882	%	125	125
<b>THERMAL PROPERTIES</b>				
<b>HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)</b>				
MD	ASTM D-1204	%	2.0	2.0
TD	ASTM D-1204	%	0.2	0.2
<b>SURFACE PROPERTIES</b>				
<b>CO-EFFICIENT OF FRICTION, (A/B)</b>				
STATIC	ASTM D-1894		0.52	0.52
DYNAMIC	ASTM D-1894		0.42	0.42
<b>SURFACE TENSION</b>				
PLAIN SIDE	ASTM D-2578	Dyne/cm	42	42
CORONA SIDE	ASTM D-2578	Dyne/cm	56	56
<b>OPTICAL PROPERTIES</b>				
HAZE	ASTM D-1003	%	2.3	2.3
LIGHT TRANSMISSION	ASTM D-1003	%	89	88

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