

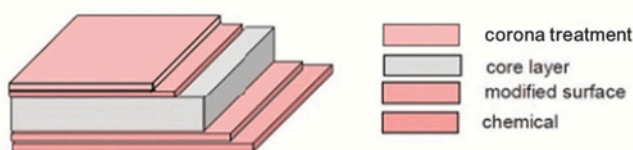
PX-S46C-TRNS-CRN1-CHM1

BOPET FILM

Version No.: 923/ 0.2

Date: 13 Mar 2020

Sarafil S46C grade Transparent polyester film has been designed for UV-letterpress, UV-flexographic and UV-offset printing used for carton board lamination and label printing. The film has good handling properties, transparency, excellent machinability, flexibility and dimensional stability over a wide range of temperatures.



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

TYPE **S46C** Chemically Treated Inside, Corona Outside
SC46 Chemically Treated Outside, Corona Inside

PROPERTIES	TEST METHOD	UNIT	10(40) MICRON (GAUGE)	12(48) MICRON (GAUGE)
TYPICAL VALUES				
NOMINAL THICKNESS	PHC Method	Micron	10	12
		Gauge	40	48
YIELD	PHC Method	m2/kg	71.4	59.6
		in2/lb	50400	42000
MECHANICAL PROPERTIES				
TENSILE STRENGTH				
MD	ASTM D-882	kg/cm2	2200	2200
		kpsi	31.5	31.5
TD	ASTM D-882	kg/cm2	2300	2300
		kpsi	32.9	32.9
ELONGATION AT BREAK				
MD	ASTM D-882	%	130	130
TD	ASTM D-882	%	125	125

PX-S46C-TRNS-CRN1-CHM1

PROPERTIES	TEST METHOD	UNIT	10(40) MICRON (GAUGE)	12(48) MICRON (GAUGE)
THERMAL PROPERTIES				
HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)				
MD	ASTM D-1204	%	2	2
TD	ASTM D-1204	%	0.2	0.2
SURFACE PROPERTIES				
CO-EFFICIENT OF FRICTION, (A/B)				
STATIC	ASTM D-1894		0.42	0.42
DYNAMIC	ASTM D-1894		0.32	0.32
SURFACE TENSION				
COATED SIDE	ASTM D-2578	Dyne/cm	42	42
CORONA SIDE	ASTM D-2578	Dyne/cm	54	54
OPTICAL PROPERTIES				
HAZE	ASTM D-1003	%	2.3	2.3
LIGHT TRANSMISSION	ASTM D-1003	%	88	88

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