

Provisional Data Sheet

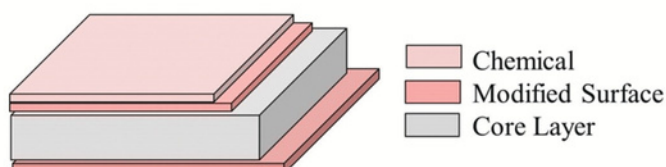
PX-S420-300G-TRNS-CHM1

BOPET FILM

Version No.: 52113/ 0.2

Date: 14 Jan 2021

Sarafil S42 grade Transparent Polyester film has good handling properties and is pretreated on one side to enhance adhesion to solvent based inks and coatings. It is primarily used for printing and coating in flexible packaging & industrial applications.



MICRON(GAUGE) 75, 100 (300, 400)

TYPE **S42I** One side Chemically treated (wound Inside)
S42O One side Chemically treated (wound Outside)

PROPERTIES	TEST METHOD	UNIT	75(300) MICRON (GAUGE)	100(400) MICRON (GAUGE)
TYPICAL VALUES				
NOMINAL THICKNESS	PHC Method	Micron	75	100
		Gauge	300	400
YIELD	PHC Method	m2/kg	9.5	7.1
		in2/lb	6700	5000
MECHANICAL PROPERTIES				
TENSILE STRENGTH				
MD	ASTM D-882	kg/cm2	1700	1600
		kpsi	24.3	22.9
TD	ASTM D-882	kg/cm2	1900	1700
		kpsi	27.2	24.3
ELONGATION AT BREAK				
MD	ASTM D-882	%	190	200

PX-S420-300G-TRNS-CHM1

PROPERTIES	TEST METHOD	UNIT	75(300) MICRON (GAUGE)	100(400) MICRON (GAUGE)
TD	ASTM D-882	%	170	180
THERMAL PROPERTIES				
HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)				
MD	ASTM D-1204	%	1.2	1.2
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
OPTICAL PROPERTIES				
HAZE	ASTM D-1003	%	4.2	4.5
LIGHT TRANSMISSION	ASTM D-1003	%	88	88

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