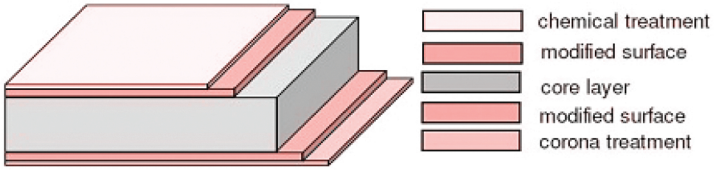
Sarafil®

PHC

BOPET FILM
Version No.: 260/ 0.3
Date: 02 Sep 2019

PX-SAR-S56C-TRANS-CHMI

Sarafil S56C grade Transparent Polyester film is designed to enhance adhesion to solvent and water based inks and coatings. On metallising the chemically treated side, it shows enhanced metal adhesion. It is used in flexible packaging and metallising applications which require increased bond strength and adhesion.



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

TYPE
S56C Chemically Treated Inside, Corona Outside
SC56 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

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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	%	2.0	2.0
TD	ASTM D-1204	%	0.2	0.2
SURFACE PROPERTIES				
CO-EFFICIENT OF FRICTION, (Side A/ Side B)				
STATIC	ASTM D-1894		0.50	0.50
DYNAMIC	ASTM D-1894		0.44	0.44
SURFACE TENSION				
COATED SIDE	ASTM D-2578	Dyne/cm	56	56
CORONA SIDE	ASTM D-2578	Dyne/cm	56	56
OPTICAL PROPERTIES				
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.