

Technical Data Sheet

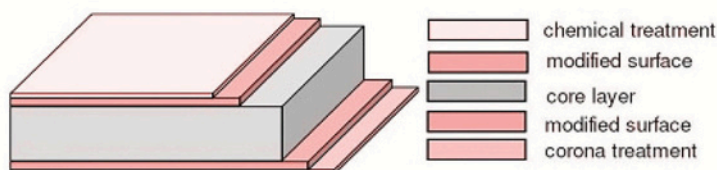
PX-S56C-200G-TRNS-CRN2

BOPET FILM

Version No.: 51903/ 0.1

Date: 22 Oct 2019

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) 50 (200)

TYPE **S56C** Chemically Treated Inside, Corona Outside
SC56 Chemically Treated Outside, Corona Inside

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 PROPERTIES			
TENSILE STRENGTH			
MD	ASTM D-882	kg/cm2	1900
		kpsi	27.2
TD	ASTM D-882	kg/cm2	2000
		kpsi	28.6
ELONGATION AT BREAK			
MD	ASTM D-882	%	170

PX-S56C-200G-TRNS-CRN2

PROPERTIES	TEST METHOD	UNIT	50(200) MICRON (GAUGE)
TD	ASTM D-882	%	150
THERMAL PROPERTIES			
HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)			
MD	ASTM D-1204	%	1.6
TD	ASTM D-1204	%	0.2
SURFACE PROPERTIES			
CO-EFFICIENT OF FRICTION, (A/B)			
STATIC	ASTM D-1894		0.46
DYNAMIC	ASTM D-1894		0.36
SURFACE TENSION			
COATED SIDE	ASTM D-2578	Dyne/cm	56
CORONA SIDE	ASTM D-2578	Dyne/cm	56
OPTICAL PROPERTIES			
HAZE	ASTM D-1003	%	4.2
LIGHT TRANSMISSION	ASTM D-1003	%	88

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