

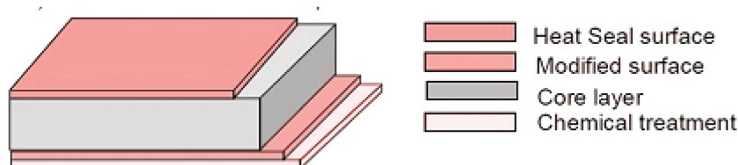
PX-SAR-HS-SEAL-CHM-BOPET

BOPET FILMS

Version No.: 250/ 0.1

Date: 24 Jun 2014

SARAFIL HS Co extruded polyester film with one side heat sealable surface and other side chemically coated for printing & Metallization. It exhibits excellent heat seal, thermal and mechanical properties. Heat seal surface is designed to seal to itself, thermoformed APET, CPET, Unsaturated polyesters, paper. HS does not seal against polyolefins (PE,PP) and PS. HS seals are not peelable.



MICRON(GAUGE) 12 (48)

TYPE

HS104

Heat Sealable Surface Inside Chemical Coated Outside

HS140

Heat Sealable Surface Outside Chemical Coated Inside

PROPERTIES	TEST METHOD	UNIT	12(48) MICRON (GAUGE)
TYPICAL VALUES			
NOMINAL THICKNESS	Polyplex Method	Micron	12
		Gauge	48
YIELD	Polyplex Method	m2/kg	59.6
		in2/lb	42000
MECHANICAL PROPERTIES			
TENSILE STRENGTH			
MD	ASTM D-882	kg/cm2	2000
		kpsi	28.4
TD	ASTM D-882	kg/cm2	2100
		kpsi	29.80

PX-SAR-HS-SEAL-CHM-BOPET

PROPERTIES	TEST METHOD	UNIT	12(48) MICRON (GAUGE)
ELONGATION AT BREAK			
MD	ASTM D-882	%	120
TD	ASTM D-882	%	115
THERMAL PROPERTIES			
HEAT SHRINKAGE (AT 150 DEG. C FOR 30 MIN)			
MD	ASTM D-1204	%	2.0
TD	ASTM D-1204	%	0.2
SURFACE PROPERTIES			
CO-EFFICIENT OF FRICTION, (Side A/ Side B)			
STATIC	ASTM D-1894		0.55
DYNAMIC	ASTM D-1894		0.48
SURFACE TENSION			
COATED SIDE	ASTM D-2578	Dyne/cm	54
OPTICAL PROPERTIES			
HAZE	ASTM D-1003	%	1.5
HEAT SEAL PROPERTIES			
SEALING TEMPERATURE RANGE	Polyplex Method	°C	130-220
SEAL STRENGTH(HS-HS) AT 140 °C,2 SEC, 3.0KG/CM2	Polyplex Method	gm/25mm	400

- These properties can be changed to meet the specific requirements of the customers.
- Other treatments are also available upon submission of basic customer application information.