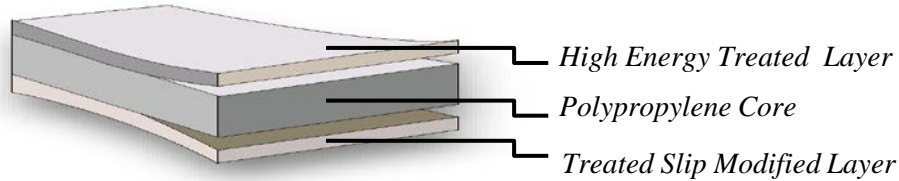


SP - Clear Slip



Key Performance Characteristics:

Two side treated, slip modified, non-heat sealable

Applications:

Outer web of laminations; envelope or box window film

Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES				
			SP12	SP19	SP25	SP30	SP50
THICKNESS	Internal	mil (μm)	0.48 (12)	0.74 (19)	0.97 (25)	1.16 (30)	1.95 (50)
YIELD	Internal	in ² /lb (m ² /kg)	63,700 (90.5)	41,100 (58.4)	31,500 (44.8)	26,200 (37.2)	15,600 (22.2)
HAZE	ASTM D1003	%	1.5				
GLOSS (45°)	ASTM D2457	G.U.	90				
COEFFICIENT OF FRICTION (lower energy side/lower energy side)	ASTM D1894	Dynamic	0.20				
		Static	0.25				
TENSILE STRENGTH (MD/TD)	ASTM D882	lb/in ² (kg/cm ²)	20,000 / 35,000 (1,400) / (2,460)				
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	140 / 60				
DIMENSIONAL STABILITY (MD/TD)	266°F (130°C) 5 min	%	<5 / <3				
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F1249 100°F (38°C), 90% RH	g/100in ² /24h (g/m ² /24h)	0.60 (9.3)	0.40 (6.2)	0.30 (4.7)	0.20 (3.1)	0.13 (2.0)
SURFACE ENERGY (high energy side)	ASTM D2578	dyne/cm	40				
SURFACE ENERGY (lower energy side)	ASTM D2578	dyne/cm	36				

Revision Date: April 2017

The above properties and results obtained refer to the average values of laboratory testing carried out on sample Inteplast product. Inteplast does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. Inteplast strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Inteplast assumes no responsibility for any damage or injury sustained as a result of the use of its products.