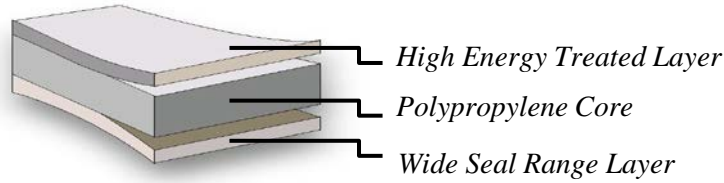


VA - Clear Heat Sealable (Laminating)



Key Performance Characteristics:

One side sealable, stable slip system on sealant face, compatible with water based inks and adhesives.

Applications:

Printable outer web and/or sealable inner web in extrusion laminations for VFFS/HFFS.

Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES					
			VA18	VA20	VA22	VA25	VA30	VA35
THICKNESS	Internal	mil (μm)	0.69 (18)	0.79 (20)	0.89 (22)	0.97 (25)	1.16 (30)	1.37 (35)
YIELD	Internal	in ² /lb (m ² /kg)	44,000 (62.5)	38,700 (55.0)	34,300 (48.8)	31,500 (44.8)	26,200 (37.2)	22,200 (31.6)
HEAT SEAL INITIATION (untreated side)	1/2 sec, 30 PSI	°F / (°C)	200 / (93)					
HAZE	ASTM D1003	%	3					
GLOSS (45°)	ASTM D2457	G.U.	85					
COEFFICIENT OF FRICTION (non-treat/non-treat side)	ASTM D1894	Dynamic	0.25					
		Static	0.35					
TENSILE STRENGTH (MD/TD)	ASTM D882	lb/in ² (kg/cm ²)	17,000 / 30,000 (1,200) / (2,100)					
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	190 / 70					
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)	0.45 (7.0)	0.4 (6.2)	0.38 (5.9)	0.35 (5.4)	0.30 (4.7)	0.25 (3.9)
SURFACE ENERGY	ASTM D2578	dyne/cm	40					

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.