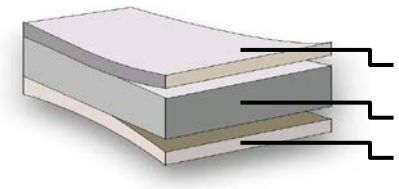
INTEPLAST GROUP®
BOPP Films

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	in²/lb (m²/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/in² (kg/cm²)	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/100in²/24h (g/m²/24h)	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					

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