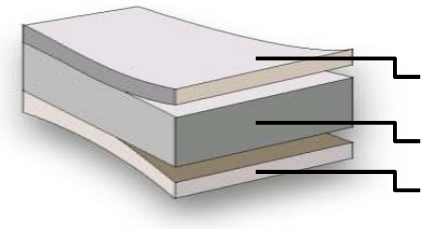
INTEPLAST GROUP®
BOPP Films

NWP- Metallizable Base Heat Sealable



Key Performance Characteristics:

Metallizable base film with wide seal range, excellent slip on the sealable side

Applications:

In house or toll metallizing for inner web of extrusion laminations

Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES				
			NWP15	NWP18	NWP23	NWP25*	NWP30
THICKNESS	Internal	mil (µm)	0.59 (15)	0.69 (18)	0.91 (23)	0.97 (25)	1.16 (30)
YIELD	Internal	in²/lb (m²/kg)	51,800 (73.7)	44,000 (62.6)	34,300 (48.8)	31,500 (44.8)	26,200 (37.2)
HEAT SEAL INITIATION (untreated side)	1/2 sec, 30 PSI	°F /(°C)	205 / (96)				
COEFFICIENT OF FRICTION (non treated side/non treated side)	ASTM D1894	Dynamic	0.27				
HAZE	ASTM D1003	%	2.2				
GLOSS (45°)	ASTM D2457	G.U.	90				
TENSILE STRENGTH (MD/TD)	ASTM D882	lb/in² (kg/cm²)	21,000 / 40,000 (1,500) / (2,800)				
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	180 / 60				
DIMENSIONAL STABILITY (MD/TD)	266°F (130°C) 5 min	%	<6 / <4				
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F 1249 100°F (38°C), 90% RH	g/100in²/24h (g/m²/24h)	0.58 (9.0)	0.50 (7.8)	0.38 (5.9)	0.35 (5.4)	0.28 (4.3)
SURFACE ENERGY	ASTM D2578	dyne/cm	40				

* limited availability in this gauge

Revision Date: April 2017

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