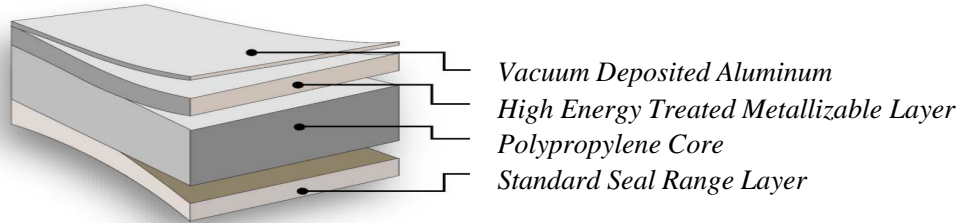


HM- Metallized Heat Sealable



Key Performance Characteristics:

Metallized film with standard seal range

Applications:

Metallized inner web for adhesive laminations; heat sealable pouches; surface printed specialty overwrap

Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES		
			HM20	HM25*	HM30
THICKNESS	Internal	mil (μm)	0.79 (20)	0.97 (25)	1.16 (30)
YIELD	Internal	in ² /lb (m ² /kg)	38,700 (55.0)	31,500 (44.8)	26,200 (37.2)
HEAT SEAL INITIATION (non metal side)	1/2 sec, 30 PSI	$^{\circ}\text{F}$ / ($^{\circ}\text{C}$)	250 / (121)		
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 $^{\circ}\text{F}$ (130 $^{\circ}\text{C}$) 5 min	%	<5 / <3		
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F 1249 100 $^{\circ}\text{F}$ (38 $^{\circ}\text{C}$), 90% RH	g/100in ² /24h (g/m ² /24h)	0.025 (0.39)		
OXYGEN TRANSMISSION RATE (OTR)	ASTM D 3985 72 $^{\circ}\text{F}$ (22 $^{\circ}\text{C}$), 0%RH	cc/100in ² /24h (cc/m ² /24h)	3 (46.5)		

* limited availability in this gauge

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.