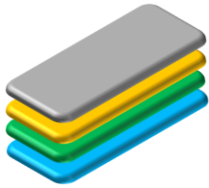




TECHNICAL DATA SHEET

METALLIZED, HEAT SEALABLE CAST POLYPROPYLENE FILM

IMP325



High metal adhesion metallized layer
 Corona treated surface layer
 Transparent CPP core
 High seal strength layer

Metallized, one side heat sealable Cast Polypropylene film suitable for lamination to OPP, Nylon and PET films in dry lamination. IMP325 features good moisture and oxygen barrier, excellent metal adhesion, good optics, superior sealing strength and high lamination bond strength in laminate structures.

PRODUCT FEATURES

- One side corona treated for lamination applications
- High metal adhesion
- Good moisture and oxygen barrier
- Excellent heat seal strength
- Good resistance to fats, oil and grease
- Good UV light barrier

APPLICATIONS

- Laminations requiring a high heat seal strength
- Laminations requiring standard barrier properties
- Products requiring a barrier and heat seal web
- Confectionary and related packages
- General food applications

PROPERTIES	TEST METHOD	UNITS	IMP325	IMP325	IMP325	IMP325	IMP325
GENERAL							
Base Web Thickness	Internal	ga	100	120	140	160	200
	ASTM D1505	lb/ream	14.0	16.8	19.6	22.4	28.0
Yield	Internal	in ² /lb	30900	25700	22100	19300	15500
Treatment Level	Metallized	ASTM D-2578			38		
Metal Adhesion	Internal (EAA)	gf/25mm	>230				
Coefficient of Friction (CoF)	ASTM D-1894	Film - Film	0.50 - 0.80				
MECHANICAL							
Tensile Strength (at break)	MD	ASTM D-882			>5800		
	TD	ASTM D-882	>2900				
Elongation to Break	MD	ASTM D-882	>500				
	TD	ASTM D-882	>500				
THERMAL							
Heat Seal Range		*F	245 - 290				
Heat Seal Strength	265°F/14psi/1sec	g/inch	>650				
Shrinkage (250°F/15 min)	MD	Internal	<1.0				
	TD	Internal	<1.0				
BARRIER							
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h		0.06		
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h		7.0		

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 3 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

Material is suitable for printing and lamination on the metallized side of the material only. In-line corona boost treatment can be used if required. Further information is available from your Impak Films USA LLC representative.

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

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