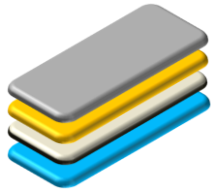




**TECHNICAL DATA SHEET**

**METALLISED, WHITE, HEAT SEALABLE CPP FILM**

**IMP321**



High metal adhesion metallized layer  
 Corona treated surface layer  
 White opaque CPP core  
 Heat sealable layer

One side metallized, one side heat sealable White Opaque Cast Polypropylene film suitable for lamination to OPP, Nylon and PET films in dry lamination. IMP321 features good moisture and oxygen barrier, excellent metal adhesion and luster properties, superior sealing strength, high whiteness and opacity and high lamination bond strength.

**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, white, heat sealable web
- Confectionary and other hang sell bags
- General food applications

PROPERTIES	TEST METHOD	UNITS	IMP321	IMP321	IMP321	IMP321
<b>GENERAL</b>						
Base Web Thickness	Internal	ga	100	120	140	160
Yield	ASTM D1505	lb/ream	14.0	16.8	19.6	22.4
	Internal	in <sup>2</sup> /lb	30900	25700	22100	19300
Treatment Level	Corona	ASTM D-2578	38	38	38	38
Coefficient of Friction (CoF)	ASTM D-1894	Film - Film	0.50 - 0.80	0.50 - 0.80	0.50 - 0.80	0.50 - 0.80
<b>MECHANICAL</b>						
Tensile Strength (at break)	MD	ASTM D-882	psi	>5800	>5800	>5800
	TD	ASTM D-882	psi	>2900	>2900	>2900
Elongation to Break	MD	ASTM D-882	%	>500	>500	>500
	TD	ASTM D-882	%	>500	>500	>500
<b>THERMAL</b>						
Heat Seal Range			°F	245 - 290	245 - 290	245 - 290
Heat Seal Strength	265°F/14psi/1sec		g/inch	>650	>650	>650
Shrinkage (250°F/15 min)	MD	Internal	%	<1.0	<1.0	<1.0
	TD	Internal	%	<1.0	<1.0	<1.0
<b>BARRIER</b>						
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in <sup>2</sup> /24h	0.06	0.06	0.06
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in <sup>2</sup> /24h	7.0	7.0	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 corona treated 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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