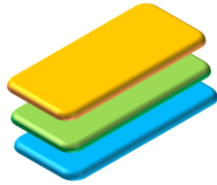




TECHNICAL DATA SHEET

HEAT SEALABLE, ANTIFOG BOPP FILM

IMP132



Corona treated heat sealable layer
Transparent OPP core
Corona treated, antifog skin layer

One side treated, both sides heat sealable Biaxially Oriented Polypropylene (BOPP) film with antifog. IMP132 has excellent clarity and gloss, good moisture barrier and excellent antifog properties in hot and cold conditions. Specially designed for fresh produce applications, IMP132 can be used in surface printed, single web applications or in laminations with an external print web.

PRODUCT FEATURES

- Excellent antifog properties in hot/cold fog situations
- High performance slip properties for high speed HFFS and VFFS use
- One side corona treated for print and lamination uses
- Good moisture barrier
- High clarity and gloss

APPLICATIONS

- Primarily designed for fresh produce packaging
- Use in cold or elevated temperature applications
- Bag or tray overwrap
- Excellent performance in macro perforated applications
- Surface print or laminated uses

PROPERTIES	TEST METHOD	UNITS	IMP132	IMP132	IMP132	IMP132	IMP132	
GENERAL								
Base Web Thickness	ASTM D-374	ga	80	100	120	140	160	
Yield	ASTM D1505	lb/ream	11.2	14.0	16.8	19.6	22.4	
	Internal	in ² /lb	38600	30900	25800	22100	19300	
Treatment Level	Corona	ASTM D-2578	38	38	38	38	38	
Coefficient of Friction (CoF)	ASTM D-1894	Film - Film	<0.38	<0.38	<0.38	<0.38	<0.38	
Haze	ASTM D-1003	%	<2.5		<2.5	<2.5	<2.5	
Gloss	45° angle	ASTM D-2457	>90		>90	>90	>90	
MECHANICAL								
Tensile Strength (at break)	MD	ASTM D-882	psi	17100	17100	17100	17100	17100
	TD	ASTM D-882	psi	35600	35600	35600	35600	35600
Elongation to Break	MD	ASTM D-882	%	200	200	200	200	200
	TD	ASTM D-882	%	70	70	70	70	70
THERMAL								
Heat Seal Range			°F	245 - 290	245 - 290	245 - 290	245 - 290	245 - 290
Heat Seal Strength			g/in	>400	>400	>400	>400	>400
Shrinkage (250°F/15 min)	MD	Internal	%	4.0	4.0	4.0	4.0	4.0
	TD	Internal	%	2.0	2.0	2.0	2.0	2.0
BARRIER								
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h	0.54	0.48	0.42	0.36	0.30
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	170	162	155	148	142

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 6 months of receipt or antifog performance may be affected. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

Material is suitable for printing and lamination on the indicated side of the material only. In-line corona boost treatment can be used if required. This film is treated on both sides. Care must be taken to ensure inks are dry before rewinding printed material to prevent ink transfer. 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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