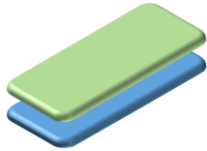




TECHNICAL DATA SHEET

LIDDING FOR GENERAL PURPOSE

IMP871



Printable OPP layer
Proprietary coating for sealing to a range of materials

IMP871 is a transparent film with good optics designed for use as a lidding film with a wide range of substrates. IMP871 gives a strong peel when used with c-PET, r-PET, aluminum, PP, PE, PS and PVC. Sealing to a-PET results in a medium strength seal. IMP871 is designed to seal through contaminated surfaces.

PRODUCT FEATURES

- Very strong peel seal to most substrates as listed
- Medium peel seal to a-PET
- Reduced peel seal strength following heating for easy opening
- Self-venting in microwave applications

APPLICATIONS

- Suitable for chilled and frozen applications
- Suitable for microwave use to 300°F
- Seals well through some contamination on seal surfaces
- Not suitable for applications requiring antifog

PROPERTIES	TEST METHOD	UNITS	IMP871	
GENERAL				
Base Web Thickness	Internal	ga	120	
Total Thickness	Internal	ga	134	
Yield	ASTM D1505	lb/ream	19.2	
	Internal	in ² /lb	22400	
MECHANICAL				
Tensile Strength (at break)	MD	ASTM D-882	psi	28400
	TD	ASTM D-882	psi	31300
Elongation to Break	MD	ASTM D-882	%	100
	TD	ASTM D-882	%	100
THERMAL				
Shrinkage (302°F/30 min)	MD	Internal	%	4.0
	TD	Internal	%	4.0
BARRIER				
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h	0.39
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	130
IN APPLICATION				
Heat Seal Range			°F	230 - 355
Maximum Temperature in use (oven)			°F	355.0
Minimum Temperature in use (freezer)			°F	-4.0

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 non-sealing side of the material only. Corona treatment in-line should 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

Information in this publication refers to average values of laboratory tests on samples from standard production. It is believed to be accurate and is given in good faith, but it is for the customer to satisfy the suitability for its own particular purpose. Accordingly, Impak Films gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law.

This document is not a product specification

Impak Films reserves the right to change the data sheet at any time without prior notification.

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