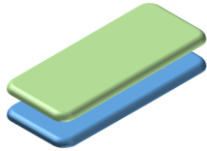




TECHNICAL DATA SHEET

PET LIDDING FOR aPET & PVC TRAYS

IMP878



Printable PET layer
Transparent polyester based coating for sealing to aPET, aPET lined and PVC trays

Transparent PET Lidding Film for aPET, aPET lined and PVC trays. IMP878 is engineered to achieve strong peelable seals to aPET and paperboard, the film also gives a strong peel seal to PVC. IMP878 shows improved resistance to blocking under elevated temperature and humidity conditions

PRODUCT FEATURES

- Very strong peel seal to aPET and paperboard
- Strong peel seal to PVC
- Self-venting in microwave applications
- Ovenable and boilable
- Improved transparency and blocking resistance

APPLICATIONS

- Suitable for chilled and frozen applications
- Suitable for microwave and oven use
- Can seal through some contamination but is not suitable for sealing through heavy or liquid contamination on flanges

PROPERTIES	TEST METHOD	UNITS	IMP878	IMP878	IMP878	IMP878	IMP878	IMP878	IMP878	
GENERAL										
Base Web Thickness	Internal	ga	48	60	70	90	110	140	200	
Total Thickness	Internal	ga	57	69	81	100	120	150	205	
Yield	ASTM D1505	lb/ream	12.5	15.1	17.6	21.9	26.2	33.1	45.2	
	Internal	in ² /lb	34600	28700	24500	19700	16500	13000	9600	
MECHANICAL										
Tensile Strength (at break)	MD	ASTM D-882	psi	25600	28400	28400	28400	34100	39800	65200
	TD	ASTM D-882	psi	29900	31300	31300	31300	35600	42700	79700
Elongation to Break	MD	ASTM D-882	%	135	130	130	130	120	115	80
	TD	ASTM D-882	%	105	100	100	100	90	95	60
THERMAL										
Shrinkage (302°F/30 min)	MD	Internal	%	1.8	1.7	1.7	1.5	1.3	1.1	0.7
	TD	Internal	%	0.5	0.5	0.5	0.5	0.5	0.5	0.5
BARRIER										
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h	1.68	1.55	1.55	1.10	0.90	0.77	0.65
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	6.5	5.5	5.5	4.5	3.9	3.2	2.9
IN APPLICATION										
Heat Seal Range			°F	230 - 410	230 - 410	230 - 410	230 - 410	230 - 410	230 - 410	230 - 410
Maximum Temperature in use (oven)			°F	437.0	437.0	437.0	437.0	437.0	437.0	437.0
Minimum Temperature in use (freezer)			°F	-58.0	-58.0	-58.0	-58.0	-58.0	-58.0	-58.0

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

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