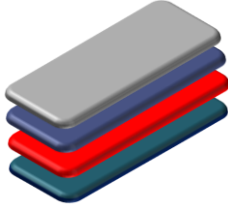




TECHNICAL DATA SHEET

TWO SIDE TREATED METALLIZED PET FILM

IMP228



- Vacuum applied aluminum layer
- Metal adhesion copolymer layer
- Transparent polyester core
- Corona treated non-sealing polyester side

IMP228 is a biaxially oriented polyester film with metal on copolymer side. It has good oxygen and moisture barrier properties and is suitable for use in a wide variety of printed and laminated packaging applications.

PRODUCT FEATURES

- Suitable for printing and lamination on the metallized side
- Designed to give good metal bond strength to copolymer layer
- Improved metal adhesion with solvent less adhesives
- Suitable for dry laminations to other flexible materials
- Excellent gloss and optical density

APPLICATIONS

- Printed, laminated rewinds, pouches, sachets and bags
- Applications in fresh and dried foods
- Snack foods and other flexible laminates

PROPERTIES	TEST METHOD	UNITS	IMP228	
GENERAL				
Thickness*	Internal	ga	48	
Density	Internal	g/cm ³	1.40	
Yield	Internal	lb/ream	10.3	
	Internal	in ² /lb	41850	
Treatment	Metal side	ASTM D-2578	dyne/cm	60
OPTICAL				
Optical Density	Internal		>3.0	
MECHANICAL				
Tensile Strength	MD	ASTM D-882	psi	27000
	TD	ASTM D-882	psi	27000
Elongation to Break	MD	ASTM D-882	%	100
	TD	ASTM D-882	%	90
Shrinkage 300°F / 30 min	MD	ASTM D-1204	%	2.4
	TD	ASTM D1204	%	0.4
Metal Bond Strength	Internal		gf/in	800
BARRIER				
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E96	g/100in ² /24h	<0.4
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	<0.03

* Thicker materials may be available on request

Guidelines for storage

IMP228 should be stored at below 105°F in its original wrapping and away from sources of direct sunlight.

Printing & Lamination

Consult with your ink and adhesive suppliers for appropriate materials for use with this product.

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

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