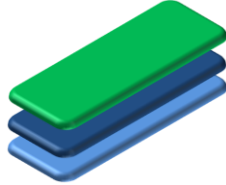




TECHNICAL DATA SHEET

ONE SIDE HEAT SEALABLE, ONE SIDE CORONA TREATED PET FILM

IMP230



Corona treated polyester layer
Transparent polyester core
Heat sealable polyester copolymer layer

Transparent, co-extruded biaxially oriented polyester film, one side corona treated, one side heat sealable. The heat seal layer is designed to seal to itself, APET, CPET and PVC in flexible packaging applications.

PRODUCT FEATURES

- Excellent printability and lamination on the corona side
- Good heat seal strength
- Sealable to IMP230, APET, CPET and PVC materials
- Excellent gloss and transparency
- Good machinability for use in HFFS and VFFS processes

APPLICATIONS

- Heat sealable printed laminated rewinds
- Fresh and dried foods
- Suitable for use in hot fill and heated product applications

PROPERTIES	TEST METHOD	UNITS	IMP230	IMP230	IMP230	IMP230	IMP230	IMP230	
GENERAL									
Thickness*	Internal	ga	48	60	80	92	120	144	
Density	Internal	g/cm ³	1.40						
Yield	Internal	lb/ream	10.3	12.9	17.2	19.8	25.8	31.0	
	Internal	in ² /lb	41850	33500	25100	21800	16700	14000	
Treatment	Corona side	ASTM D-2578				56			
	Sealable side	ASTM D-2578				48			
OPTICAL									
Haze	max	ASTM D-1003	%	3.5	3.5	3.5	4.0	4.5	5.0
MECHANICAL									
Tensile Strength	MD	ASTM D-882	psi	25600	25500	24100	24100	24100	24100
	TD	ASTM D-882	psi	2000	2000	1900	1900	1900	1900
Elongation to Break	MD	ASTM D-882	%	100					
	TD	ASTM D-882	%	100					
Seal Strength 250°F/2sec/42psi	Film/Film	Internal	g/in	400	500	500	500	600	600
Shrinkage 300°F / 30 min	MD	ASTM D-1204	%	2.0					
	TD	ASTM D1204	%	0.4					
Coefficient of Friction	Static	ASTM D-1894		0.60	0.60	0.55	0.55	0.55	0.55
	Dynamic	ASTM D-1894		0.55	0.55	0.50	0.50	0.50	0.50
BARRIER									
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E96	g/100in ² /24h	2.58	2.25	1.68	1.68	1.29	1.00
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	6.50	6.10	5.20	5.20	4.50	3.20

* Thicker materials may be available on request

Guidelines for storage

IMP230 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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IMPAK FILMS AUSTRALIA (www.impakfilms.com.au)

ABN: 42 586 823 597 Address: Unit 1, 15-21 Butler Way, (P.O. Box 1114), Tullamarine Vic. 3043, Australia Telephone: +61 3 9310 5540 Facsimile: +61 3 9310 5590

IMPAK FILMS USA (www.impakfilms.com)

Address: 2727 Paces Ferry Road, Suite 1650 Building One, Atlanta, Georgia 30339, USA Telephone: +1 678 384 5520 Facsimile: +1 678 384 5543