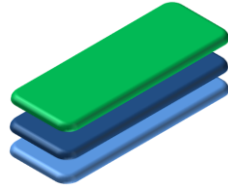




TECHNICAL DATA SHEET

ONE SIDE CORONA TREATED MATTE PET

IMP232



Corona treated matte surface layer
Matte polyester core
Plain matte side

Matte biaxially oriented polyester film, one side corona treated, one side plain for lamination, labelling and flexible packaging applications.

PRODUCT FEATURES

- Can be printed and laminated on the corona side
- Smooth matte surface with excellent contact transparency
- Good machinability for use in HFFS and VFFS processes or as a label over laminate

APPLICATIONS

- Reverse print and lamination in rewinds, bag, pouch and label applications
- Labels and other materials requiring reduced glare and a high end satin -finish appearance
- Suitable for use in hot fill and heated product applications

PROPERTIES	TEST METHOD	UNITS	IMP232	IMP232	IMP232	
GENERAL						
Thickness	Internal	ga	48	92	200	
Density	Internal	g/cm ³		1.40		
Yield	Internal	lb/ream	10.3	19.8	43.0	
	Internal	in ² /lb	41850	21800	10050	
Treatment	Corona side	ASTM D-2578		56		
	Plain side	ASTM D-2578		42		
OPTICAL						
Haze	ASTM D-1003	%	47	65	83	
Transmittance	ASTM D-1003		87	85	83	
Gloss	ASTM D-2457	%	48	42	40	
MECHANICAL						
Tensile Strength	MD	ASTM D-882	psi	31300	28200	28200
	TD	ASTM D-882	psi	29000	28200	28200
Elongation to Break	MD	ASTM D-882	%	100	100	100
	TD	ASTM D-882	%	80	70	70
Film Melting Point		DSC	°F	490		
Shrinkage 300°F / 30 min	MD	ASTM D-1204	%	2.0	1.8	1.6
	TD	ASTM D1204	%	0.4	0.4	0.4
Coefficient of Friction	Static	ASTM D-1894		0.35		
	Dynamic	ASTM D-1894		0.26		
BARRIER						
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E96	g/100in ² /24h	2.60	1.40	0.60
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	6.50	4.50	2.60

Guidelines for storage

IMP232 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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