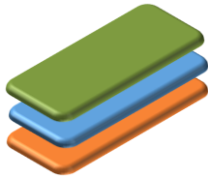




PRODUCT DATA SHEET

ONE SIDE HEAT SEALABLE, TRANSPARENT BOPP FILM

IMP100



Non-heat seal printable treated layer
OPP Core
Heat seal layer

One side corona treated, one side heat sealable BOPP film designed for use in laminate and single web structures.

PRODUCT FEATURES

- Good ink adhesion on the treated surface
- Outstanding clarity and gloss
- High seal strength
- Good antistatic and slip properties

APPLICATIONS

- Suitable for heat sealable laminations as the top or bottom web
- Suitable for single web applications with back fin seal and in overwrap applications
- Suitable for HFFS and VFFS packaging styles

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PROPERTIES	TEST METHOD	UNITS	IMP100	IMP100	IMP100	IMP100	IMP100	IMP100	
GENERAL									
Thickness	Internal	ga	58	71	80	100	118	157	
Yield	ASTM D-1505	lb/ream	8.4	10.1	11.2	14.0	16.8	22.4	
	Internal	in ² /lb	51500	42900	38600	30900	25700	19300	
OPTICAL									
Haze	ASTM D-1003	%				≤ 1.7			
Gloss	ASTM D-2457	@60°C				> 90			
SURFACE									
Wetting Tension	ASTM D-2578	dynes/cm				≥ 38*			
COF	Both sides	ASTM D-1894	Film-Film						≤ 0.40
MECHANICAL									
Tensile Strength (at break)	MD	ASTM D-882	psi						> 17300
	TD	ASTM D-882	psi						> 14400
Elongation to Break	MD	ASTM D-882	%						< 180
	TD	ASTM D-882	%						< 70
THERMAL									
Heat seal range	QB/T2358	*F				240 - 290			
Seal Strength		g/inch				500			
Shrinkage (250°F/2 min)	MD	Internal	%						≤ 4.0
	TD	Internal	%						≤ 2.0
BARRIER									
Water Vapour Transmission Rate	(100°F/90% RH)	ASTM F1249	g/100in ² /24h	0.61	0.55	0.48	0.39	0.32	0.26

* for up to 12 months from manufacture

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas and material should be consumed within 6 months of receipt. Allow film to reach operating room temperature 24h before use.

Guidelines for printing

The print surface of IMP100 is based on a polypropylene homopolymer material. Surface treatment levels will degrade with time. We suggest boost treatment is used with this material to achieve better ink anchorage.

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

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