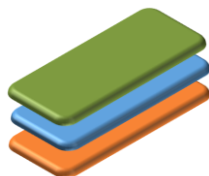




PRODUCT DATA SHEET

TWO SIDE HEAT SEALABLE TRANSPARENT BOPP FILM

IMP101



Corona treated, heat sealable layer
OPP Core
Wide seal range, heat seal layer

Two side heat sealable, one side corona treated BOPP film for reverse or surface printing, one side heat sealable with a wide seal range for faster running applications. IMP101 is designed for use in laminate and single web structures.

PRODUCT FEATURES

- Low seal threshold on untreated side
- Heat sealable both sides
- Excellent 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 top or bottom web
- Suitable for HFFS and VFFS packaging styles
- Suitable for use in most print systems and with most ink and adhesive systems.
- Suitable in confectionary, bakery and snack food applications
- Suitable for general food packaging on high speed lines

PROPERTIES	TEST METHOD	UNITS	IMP101	IMP101	IMP101	IMP101	
GENERAL							
Thickness	Internal	ga	67	80	100	118	
Yield	ASTM D-1505	lb/ream	9.5	11.2	14.0	16.8	
	Internal	in ² /lb	45400	38600	30900	25700	
OPTICAL							
Haze	ASTM D-1003	%	≤ 1.8	≤ 1.8	≤ 1.9	≤ 1.9	
Gloss	ASTM D-2457	@60°C			> 90		
SURFACE							
Wetting Tension	ASTM D-2578	dynes/cm			≥ 38*		
COF	Both sides	ASTM D-1894	Film-Film		≤ 0.30		
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			175 - 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	0.57	0.48	0.39	0.32

* 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.

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

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