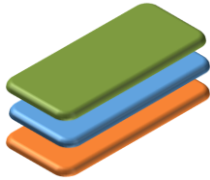




TECHNICAL DATA SHEET

TWO SIDE HEAT SEALABLE TRANSPARENT BOPP FILM

IMP103



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
- Food contact suitable

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	IMP103	IMP103	
GENERAL					
Thickness	Internal	ga	80	100	
Yield	ASTM D-1505	lb/ream	11.2	14.0	
	Internal	in ² /lb	38600	30900	
OPTICAL					
Haze	ASTM D-1003	%	≤ 1.8	≤ 1.8	
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	> 28900	
Elongation to Break	MD	ASTM D-882	%	< 180	
	TD	ASTM D-882	%	< 70	
THERMAL					
Heat seal range	O / O		*F	185 - 290	
	I / I	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 Vapor Transmission Rate	(100°F/90% RH)	ASTM F1249	g/100in ² /24h	0.48	0.39

* 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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