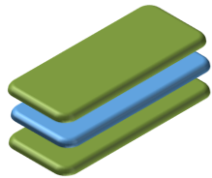




PRODUCT DATA SHEET

ONE SIDE TREATED, NON-SEALABLE, TRANSPARENT BOPP FILM

IMP111



Non-heat seal corona treated layer
High transparency OPP Core
Non-heat seal layer

Non-sealable, one side corona treated BOPP. IMP111 is designed for use in laminate structures as the surface web.

PRODUCT FEATURES

- Excellent ink adhesion on the treated surface
- Outstanding clarity and gloss
- Good antistatic and slip properties
- Food contact suitable

APPLICATIONS

- Suitable for print and lamination applications
- Suitable for overlamination of labels
- Suitable for lamination to a wide range of polymer and non-polymer flexible materials
- Suitable for use in HFFS and VFFS applications with back fin seals
- Compatible with most print, ink and adhesive systems.

PROPERTIES	TEST METHOD	UNITS	IMP111	IMP111	IMP111	IMP111	IMP111	IMP111	IMP111	
GENERAL										
Thickness	Internal	ga	47	58	71	80	100	118	157	
Yield	ASTM D-1505	lb/ream	6.7	8.4	10.1	11.2	14.0	16.8	22.4	
	Internal	in ² /lb	64400	51500	42900	38600	30900	25700	19300	
OPTICAL										
Haze	ASTM D-1003	%								≤ 1.2
Gloss	ASTM D-2457	@60°C								> 90
SURFACE										
Wetting Tension	ASTM D-2578	dynes/cm								≥ 38*
COF	Both sides	ASTM D-1894	Film-Film							≤ 0.50
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										
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	0.68	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.

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

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