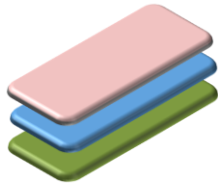


**TECHNICAL DATA SHEET****SEALABLE MATTE BOPP****IMP181**

Sealable matte surface layer
OPP Core
Printable layer

Matte surfaced BOPP with high contact transparency and a smooth matte appearance. IMP181 is designed to prevent light reflectivity and improve the visual appearance of products and materials in high light situations.

PRODUCT FEATURES

- Smooth, matte surface
- Excellent contact clarity
- Excellent print receptivity and lamination bonds
- Food contact suitable
- Good antistatic properties
- Available one or both sides corona treated

APPLICATIONS

- Suitable for print and lamination applications
- Suitable as a top web in label laminates
- Suitable for packaging applications when laminated to a sealant layer
- Compatible with most print, ink and adhesive systems.
- Suitable for formation of lap seals with selected IMPAK BOPP films

PROPERTIES	TEST METHOD	UNITS	IMP181	IMP181	IMP181	IMP181	
GENERAL							
Thickness	Internal	ga	58	71	100	118	
Yield	ASTM D-1505	lb/ream	7.7	9.5	13.4	16.0	
	Internal	in ² /lb	55800	45400	32300	26900	
SURFACE							
Wetting Tension	ASTM D-2578	dynes/cm	≥ 38*				
Haze	ASTM D1003	%	≥ 78.0				
Gloss	ASTM D2457	45°	≤ 7.0				
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	non-Matte		°F	240 - 290			
	Matte	QB/T2358		255 - 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	0.57	0.48	0.39	0.32

* for up to 6 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 manufacture. 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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