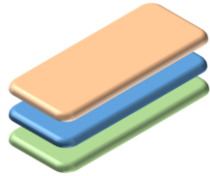




PRODUCT DATA SHEET

High MATTE for Cold Seal Applications

IMP183



Matt Release Surface - Untreated
OPP Core
Corona Treated Gloss Layer

Transparent one side Matte finish BOPP film for cold seal applications

One side corona treated gloss surface for printing, One side non-treated Matte surface providing a satiny matte appearance and differentiated shelf appeal. The matte side provides release characteristics.

PRODUCT FEATURES

- Matte appearance and differentiated shelf appeal
- Cold seal release characteristics on matte surface
- Good printability and suitable for lamination with other substrates
- Good performance on HFFS machines
- Suitable for food contact applications

APPLICATIONS

- Can be used as a single web or in laminate structures
- Confectionary (chocolate / gum / sugar)
 - Bakery (Biscuits / cookie / crackers)
 - Chips and snacks
 - Pasta
 - Health and beauty care

PROPERTIES	TEST METHOD	UNITS	IMP183	IMP183	IMP183	IMP183	
GENERAL							
Thickness	Internal	ga	70	80	100	120	
	ASTM D1505	lb/ream	10.0	11.1	14.0	16.8	
Yield	Internal	in ² /lb	42500	38600	30900	25700	
OPTICAL							
Haze	ASTM D1003	%		75.0			
SURFACE							
Wetting Tension	ASTM D2578	dy/cm		38*			
Coefficient of Friction	ASTM D1894	-		0.20-0.30			
MECHANICAL							
Tensile Strength (at break)	MD	ASTM D-882	psi	15600			
	TD	ASTM D-882	psi	31300			
Elongation to Break	MD	ASTM D-882	%	200			
	TD	ASTM D-882	%	70			
Elastic Modulus	MD	ASTM D-882	psi	256000			
	TD	ASTM D-882	psi	398000			
THERMAL							
Shrinkage	MD	Internal	%	4.0			
	TD	Internal	%	2.0			
BARRIER							
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h	0.52	0.48	0.39	0.32
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	194	181	168	155

* 38 dyne/cm for 3 months from delivery

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas and material should be consumed within 3 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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