



TECHNICAL DATA SHEET

**ONE SIDE BARRIER PVdC COATED, ONE SIDE ACRYLIC COATED
CAVITATED WHITE BOPP**

IMP677



Acrylic coated print /seal surface
BOPP Base film
Barrier PVdC coated sealable surface

Based on a cavitated white BOPP film, IMP677 has one side PVdC coated for good oxygen barrier and sealability, one side acrylic coated for printing or sealing. IMP677 offers low and stable COF on the acrylic side for high performance machineability in a single web or in laminations.

PRODUCT FEATURES

- Good oxygen and moisture barrier
- Good flavor and aroma barrier
- Excellent printability on the Acrylic coated side
- Sealable either side and lap sealable
- High whiteness, opacity and gloss

APPLICATIONS

- Ideal for
- Packaging of baked goods
 - Products requiring flavor/aroma barrier
 - Products which are both gas barrier and light sensitive

PROPERTIES	TEST METHOD	UNITS	IMP677	IMP677	
GENERAL					
Base Web Thickness	GB/T6672	ga	157	200	
Yield	Q/SN2	lb/ream	18.1	22.2	
		in ² /lb	23800	19400	
Treatment Level	Acrylic side	GB/T14216	dyne	42	42
Light Transmission	Maximum	GB2410	%	35	33
Gloss (45°)	Acrylic side	GB/T8807	%	100	100
Coefficient of Friction (CoF)	PVdC-PVdC	GB10006	Kinetic	0.25	0.25
MECHANICAL					
Tensile Strength	MD	GB/T13022	psi	13000	13000
	TD	GB/T13022	psi	19000	19000
Elongation to Break	MD	GB/T13022	%	160	160
	TD	GB/T13022	%	60	60
Shrinkage (250°F / 2min)	MD	Q/SN2	%	3.0	3.0
	TD	Q/SN2	%	1.0	1.0
Seal Strength (260°F/0.75sec/20psi)	PVdC-PVdC	Q/SN2	g/in	430	430
Seal Strength 200g/inch @	PVdC-PVdC	Q/SN2	*F	220	220
BARRIER					
Water Vapor Transmission Rate	100°F/90% RH	ISO 15106-3	g/100in ² /24h	0.51	0.48
Oxygen Transmission Rate	73°F/0% RH	ASTM D3985	cc/100in ² /24h	2.6	2.6

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 6 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

It is recommended to print on the Acrylic coated side of this film. Advice should be taken from your ink supplier.

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

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