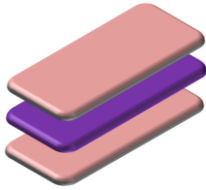




**TECHNICAL DATA SHEET**

**TWO SIDE ACRYLIC COATED BOPP**

**IMP605**



Acrylic coated surface  
BOPP Base film  
Acrylic coated surface

A two side acrylic coated transparent BOPP, one side is suitable for printing, the other side for heat sealing. IMP605 is specifically designed to give outstanding machine performance characteristics in HFFS applications.

**PRODUCT FEATURES**

- Superior printability on the acrylic coated print surface, the material can be printed on both sides if required
- Broad seal range on the acrylic coated seal side
- Outstanding optical properties
- High seal strength
- Good aroma barrier

**APPLICATIONS**

- Designed for high speed, high performance HFFS applications
- Best machine results are obtained when IMP605 is used in a lamination

PROPERTIES		TEST METHOD	UNITS	IMP605	IMP605	IMP605	IMP605
<b>GENERAL</b>							
Base Web Thickness		GB/T6672	ga	83	100	120	160
Yield		Q/SN2	lb/ream	12	14.1	17.1	22.7
			in <sup>2</sup> /lb	36100	30600	25200	19000
Treatment Level	Print side	GB/T14216	dyne	42	42	42	42
Haze	Maximum	GB2410	%	2.0	2.0	2.5	2.5
Gloss	45°	GB/T8807	%	85.0	85.0	85.0	85.0
Coefficient of Friction (CoF)	Both sides	GB10006	Kinetic	0.25	0.25	0.25	0.25
<b>MECHANICAL</b>							
Tensile Strength	MD	GB/T13022	psi	18900	18900	18900	18900
	TD	GB/T13022	psi	36300	36300	36300	36300
Elongation to Break	MD	GB/T13022	%	160	160	160	160
	TD	GB/T13022	%	65	65	65	65
Shrinkage (250°F / 30min)	MD	Q/SN2	%	2.0	2.0	2.0	2.0
	TD	Q/SN2	%	1.0	1.0	1.0	1.0
Seal Strength (260°F/0.75sec/20psi)	Acrylic/Acrylic	Q/SN2	g/in	500	500	500	500
Seal Strength 200g/inch @	Acrylic/Acrylic	Q/SN2	°F	180	180	180	180
<b>BARRIER</b>							
Water Vapor Transmission Rate	100°F/90% RH	ISO 15106-3	g/100in <sup>2</sup> /24h	0.39	0.39	0.39	0.39
Oxygen Transmission Rate	73°F/0% RH	ASTM D3985	cc/100in <sup>2</sup> /24h	64.5	55.5	49.7	41.9

**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 indicated Acrylic coated side of the film as both sides are specially formulated for their indicated purpose (print or seal). Advice should be taken from your ink supplier.

Ideal processing temperature range is 50 - 85°F

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

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