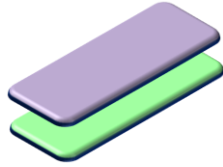




TECHNICAL DATA SHEET

POLYOLEFIN TWIST FILM

IMP821



Corona treated surface layer  
Transparent polyolefin core

Transparent, one side corona treated polyolefin film with excellent twist retention and dead fold properties. IMP821 is high yielding and can be printed.

PRODUCT FEATURES

- Exceptional twist retention and dead fold properties
- High gloss and transparency
- High yield
- Good WVTR barrier
- Good cut-ability

APPLICATIONS

- Suitable for all types of twist wrapping machinery from older style machines right through to the newest faster style machines.
- IMP821 shows machineability properties similar to that of cellulose

PROPERTIES	TEST METHOD	UNITS	IMP821	
<b>GENERAL</b>				
Thickness	Internal	ga	120	
Density	Internal	g/cm <sup>2</sup>	0.94	
Yield	Internal	lb/ream	16.8	
	Internal	in <sup>2</sup> /lb	25750	
Treatment	ASTM D-2578	dynes/cm	≥ 36	
<b>MECHANICAL</b>				
Tensile Strength	MD	ASTM D-882	psi	> 5800
	TD	ASTM D-882	psi	>4300
Elongation to Break	MD	ASTM D-882	%	> 300
	TD	ASTM D-882	%	> 300
<b>BARRIER</b>				
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in <sup>2</sup> /24h	0.45
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in <sup>2</sup> /24h	130.0

Guidelines for storage

IMP821 should be stored at 64 - 86°F in its original wrapping and away from sources of direct sunlight. IMP821 should be consumed within 6 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

Online corona treatment is strongly recommending before printing the material. Consideration should be given to the twist application of the film when selecting appropriate inks.

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

Information in this publication refers to average values of laboratory tests on samples from standard production. It is believed to be accurate and is given in good faith, but it is for the customer to satisfy the suitability for its own particular purpose. Accordingly, Impak Films gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law. This document is not a product specification. Impak Films reserves the right to change the data sheet at any time without prior notification.

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