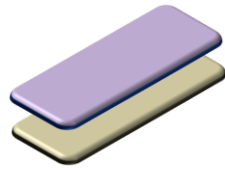




TECHNICAL DATA SHEET

WHITE OPAQUE POLYOLEFIN TWIST FILM

IMP823



Corona treated surface layer
White opaque polyolefin core

White opaque one side corona treated polyolefin film with excellent twist retention and dead fold properties. IMP823 is high yielding and can be printed.

PRODUCT FEATURES

- Exceptional twist retention and dead fold properties
- High opacity and whiteness
- 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.
- IMP823 shows machineability properties similar to that of cellulose

PROPERTIES	TEST METHOD	UNITS	IMP823	
GENERAL				
Thickness	Internal	ga	120	
Density	Internal	g/cm ²	0.94	
Yield	Internal	lb/ream	16.8	
	Internal	in ² /lb	25750	
Treatment	ASTM D-2578	dynes	≥ 36	
MECHANICAL				
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
BARRIER				
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h	0.45
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	130.0

Guidelines for storage

IMP823 should be stored at 64 - 86°F in its original wrapping and away from sources of direct sunlight. IMP823 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

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