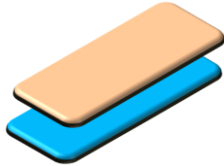




## TECHNICAL DATA SHEET

### CAVITATED POLYESTER TWIST FILM

### IMP835



Corona Treated Surface  
Cavitaded PET core

Dimensionally stable polyester film with excellent dead fold properties developed for confectionary end-use and twist wrapping applications in particular. The film displays excellent twist retention, stiffness and cutability in all twist equipment. With high yield and dead fold, the material displays excellent antistatic properties in situations where humidity levels are >40%.

#### PRODUCT FEATURES

- Exceptional twist retention and dead fold properties
- High yield
- Excellent antistatic properties
- High strength and tear resistance

#### APPLICATIONS

- Suitable for all types of twist wrapping machinery from older style machines to the newest faster style machines.
- IMP835 shows excellent machinability in humidity conditions >40%
- Can be supplied metallized or printable

PROPERTIES	TEST METHOD	UNITS	IMP835	IMP835
<b>GENERAL</b>				
Thickness	Internal	ga	96	124
Yield	Internal	lb/ream	16.7	21.7
	Internal	in <sup>2</sup> /lb	25700	19900
Treatment	ASTM D-2578	dynes	≥36	≥36
<b>MECHANICAL</b>				
Tensile Strength	MD	ASTM D-882	psi	>17350
	TD	ASTM D-882	psi	>20350
Elongation to Break	MD	ASTM D-882	%	>110
	TD	ASTM D-882	%	>80
COF	Dynamic B-B	ASTM D1894	0.15 to 0.25	0.15 to 0.25
<b>BARRIER</b>				
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM F1249	g/100in <sup>2</sup> /24h	4.25
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	g/100in <sup>2</sup> /24h	9.7

#### Guidelines for storage

IMP835 should be stored at 64°F - 86°F in its original wrapping and away from sources of direct sunlight. IMP835 should be consumed within 6 months of receipt. Allow film to reach operating room temperature 24h before use.

#### Printing & Lamination

Consideration should be given to the film's twist application when selecting appropriate inks.

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

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