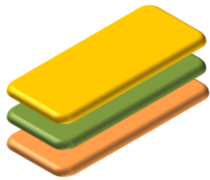




TECHNICAL DATA SHEET

CPP TWIST WRAPPING FILM

IMP828



Corona treated surface layer
Twist modified transparent core
Heat sealable layer

One side treated, one side heat sealable Cast Polypropylene film suitable for twist wrapping applications. IMP828 has excellent clarity, gloss and seal strength together with good twist properties. The material is printable on the corona treated side and has good moisture barrier.

PRODUCT FEATURES

- One side corona treated for print and lamination uses
- Good moisture barrier
- High clarity and gloss
- Excellent heat seal strength
- Good twist properties
- High burst strength

APPLICATIONS

- Laminations requiring a high heat seal strength
- Ideal for chilled and frozen applications needing impact strength
- Products requiring a very high degree of puncture resistance
- General food applications

PROPERTIES	TEST METHOD	UNITS	IMP828	IMP828	IMP828	IMP828
GENERAL						
Base Web Thickness	Internal	ga	100	120	140	160
	ASTM D1505	lb/ream	14.0	16.8	19.6	22.4
Yield	Internal	in ² /lb	30900	25700	22100	19300
Treatment Level	Corona	ASTM D-2578	38	38	38	38
Coefficient of Friction (CoF)	ASTM D-1894	Film - Film	<0.40	< 0.40	< 0.40	< 0.40
Haze	ASTM D-1003	%	<2.5	<3.0	<3.5	<3.5
Gloss	45° angle	ASTM D-2475	>80	>80	>80	>80
MECHANICAL						
Tensile Strength (at break)	MD	ASTM D-882	psi	>5800	>5800	>5800
	TD	ASTM D-882	psi	>2900	>2900	>2900
Elongation to Break	MD	ASTM D-882	%	>500	>500	>500
	TD	ASTM D-882	%	>500	>500	>500
THERMAL						
Heat Seal Range			°F	245 - 290	245 - 290	245 - 290
Heat Seal Strength	265°F/14psi/1sec		gf/inch	>650	>650	>650
Shrinkage (250°F/15 min)	MD	Internal	%	<1.0	<1.0	<1.0
	TD	Internal	%	<1.0	<1.0	<1.0
BARRIER						
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in ² /24h	0.88	0.78	0.72
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in ² /24h	270	235	215

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 3 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

Material is suitable for printing and lamination on the corona treated side of the material only. In-line corona boost treatment can be used if required. Further information is available from your Impak Films USA LLC representative.

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

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