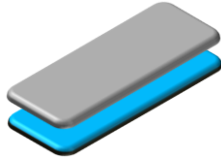




TECHNICAL DATA SHEET

METALLIZED POLYESTER TWIST FILM

IMP832



High opacity metallized layer
High transparency PET core

Dimensionally stable Polyester twist film with high gloss and metallized opacity developed for twist wrapping applications. The film displays excellent twist retention, stiffness and cutability in all types of twist equipment. With high yield, gloss and opacity 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 oxygen barrier
- Available in high gloss or a matt finish
- Excellent antistatic properties
- High strength and tear resistance

APPLICATIONS

- Suitable for all types of twist wrapping machinery from older style machines right through to the newest faster style machines.
- IMP832 shows excellent machineability in humidity conditions >40%
- Can be printed
- Suitable for lamination

| PROPERTIES | TEST METHOD | UNITS | IMP832 | IMP832 | IMP832 | |
|-------------------------------|----------------|---------------------|---------------------------|-------------|-------------|-------------|
| GENERAL | | | | | | |
| Thickness | Internal | ga | 71 | 87 | 106 | |
| Yield | Internal | lb/ream | 24.3 | 29.7 | 36.5 | |
| | Internal | in ² /lb | 28900 | 23700 | 19300 | |
| Treatment | ASTM D-2578 | dynes/cm | ≥36 | ≥36 | ≥36 | |
| MECHANICAL | | | | | | |
| Tensile Strength | MD | ASTM D-882 | psi | >26000 | >26000 | >26000 |
| | TD | ASTM D-882 | psi | >29000 | >29000 | >29000 |
| Elongation to Break | MD | ASTM D-882 | % | >110 | >110 | >110 |
| | TD | ASTM D-882 | % | >100 | >100 | >100 |
| COF | Dynamic A-B | ASTM D1894 | | 0.35 - 0.55 | 0.35 - 0.55 | 0.35 - 0.55 |
| BARRIER | | | | | | |
| Water Vapor Transmission Rate | (100°F/90% RH) | ASTM F1249 | g/100in ² /24h | 0.17 | 0.17 | 0.17 |
| Oxygen Transmission Rate | (73°F/0% RH) | ASTM D3985 | g/100in ² /24h | 0.18 | 0.18 | 0.18 |

Guidelines for storage

IMP832 should be stored at 64°F - 86°F in its original wrapping and away from sources of direct sunlight. IMP832 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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