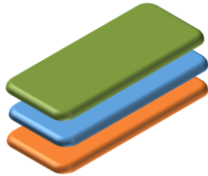




PRODUCT DATA SHEET

TRANSPARENT COLD SEAL RELEASE FILM

IMP130



Non-heat sealing corona treated layer
OPP Core
Modified cold seal release layer

One side corona treated for reverse printing, one side modified cold seal release surface, IMP130 is specifically designed for use as the outer web in laminates using cold seal on the inner web.

PRODUCT FEATURES

- Excellent ink adhesion on the treated surface
- Excellent release from cold seal adhesives
- Outstanding clarity and gloss
- Robust machineability characteristics

APPLICATIONS

- Typically used as an outer web in cold seal laminates
- Confectionary (chocolate / gum / sugar)
 - Bakery (biscuits / cookie / crackers)
 - Chips and snacks
 - Ice-cream and frozen foods
 - Miscellaneous industrial and household

| PROPERTIES | TEST METHOD | UNITS | IMP130 | IMP130 | IMP130 |
|-------------------------------|--------------------------|---------------------|----------------------------|-------------|--------|
| GENERAL | | | | | |
| Thickness | Internal | ga | 60 | 70 | 80 |
| Yield | ASTM D-1505 | lb/ream | 8.4 | 10.1 | 11.2 |
| | Internal | in ² /lb | 51500 | 42900 | 38600 |
| OPTICAL | | | | | |
| Haze | ASTM D-1003 | % | | 2.0 | |
| Gloss | ASTM D-2457 | @45°C | | 90.0 | |
| SURFACE | | | | | |
| Wetting Tension | ASTM D-2578 | dy/cm | | 38* | |
| COF | Film-Film ASTM D-1894 | | | 0.20 - 0.30 | |
| MECHANICAL | | | | | |
| Tensile Strength (at break) | MD | ASTM D-882 | psi | 18500 | |
| | TD | ASTM D-882 | psi | 35500 | |
| Elongation to Break | MD | ASTM D-882 | % | 200 | |
| | TD | ASTM D-882 | % | 70 | |
| THERMAL | | | | | |
| Shrinkage (265°F/5 min) | MD | Internal | % | 3.0 | |
| | TD | Internal | % | 1.0 | |
| BARRIER | | | | | |
| Water Vapor Transmission Rate | (100°F/90% RH) | ASTM E1249 | g/100in ² /24h | 0.52 | |
| Oxygen Transmission Rate | (73°F/0% RH) | ASTM D3985 | cc/100in ² /24h | 194.0 | |

* 38 dyne/cm for 3 months from delivery

Guidelines for storage

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

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

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