

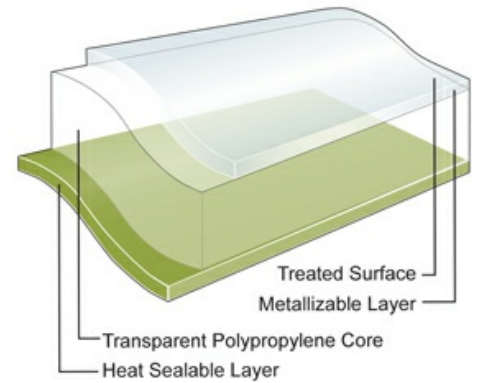
Oriented Polypropylene Film

Product Description

Bicor 29MB080 is a biaxially oriented polypropylene film metallizable on one side, with a heat sealable surface on the other side. Designed to be used after metallization as a single web in HFFS applications or in laminations for other purposes.

Key Features

- Good adhesion layer for metallization
- Excellent processability in metallization
- Good machinability on HFFS machine
- Very good hot tack
- One side sealable
- High yield
- Brilliant metal appearance after metallization



General

Availability

✓ Africa & Middle East

✓ Asia Pacific

✓ Europe

Features

✓ In Lamination Lap Sealable

Applications

✓ Industrial

Uses

✓ HFFS Flexible Packaging

Appearance

✓ Clear/Transparent

Processing Method

Revision date

✓ October 10, 2013

Properties

| Property | Typical Value | Unit | Test Based On |
|---|---------------|-------------------------|-----------------|
| Yield | 37.9 | m ² /kg | Internal Method |
| Unit Weight | 26.4 | g/m ² | Internal Method |
| Film Thickness | 29 | μ | Internal Method |
| Haze | 2.0 | % | Internal Method |
| Gloss(45°) | 85 | | Internal Method |
| Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i> | | | |
| MD | 150 | Mpa | Internal Method |
| TD | 290 | Mpa | Internal Method |
| Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i> | | | |
| MD | 175 | % | Internal Method |
| TD | 60 | % | Internal Method |
| Dimensional Stability 135°C / 275°F, 7 min | | | |
| MD | -6.5 | % | Internal Method |
| TD | -4.5 | % | Internal Method |
| Elastic Modulus | | | |
| MD | 2000 | Mpa | Internal Method |
| TD | 3600 | Mpa | Internal Method |
| Seal Strength (Otto Brügger) 140°C, 0.3 Mpa, 2 sec | | | |
| | 450 | g/2.5 cm | Internal Method |
| Heat Seal Range 0.250 Mpa, 0.2 sec | | | |
| | 30 | °C | Internal Method |
| Coefficient of Friction | | | |
| Treated Surface | 0.65 | | Internal Method |
| Untreated Surface | 0.85 | | Internal Method |
| Water Vapor Transmission Rate | | | |
| 38°C, 90% RH | 4.5 | g/m ² /24 hr | Internal Method |
| 23°C, 85% RH | 1.0 | g/m ² /24 hr | Internal Method |

Legal Statement

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

- Standard reel winding: Metallizable side outside

Footnotes

1. Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.
2. Tested at 38°C (100°F)/100%RH, then calculated to 90%RH with .90 multiplier.

Typical properties: these are not to be construed as specifications.

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