

Bicor™ 70 HSH

Oriented Polypropylene Film

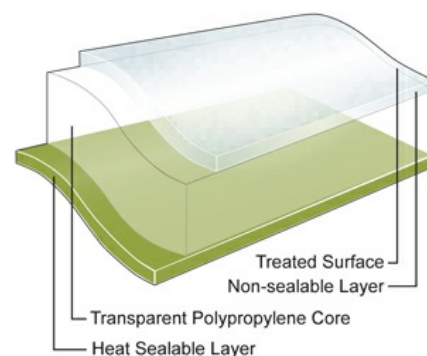
Jindal
Films

Product Description

Bicor HSH is a one-side treated, one-side sealable, coextruded OPP film designed for use in unsupported plain or surface print high-speed horizontal applications.

Key Features

- Excellent optics
- Excellent hot slip properties for high-speed applications
- Low MST, broad seal range layer
- Non-migratory slip system for consistent COF



General

Availability

- ✓ Latin America
- ✓ North America
- ✓ South America

Features

- ✓ In Lamination Lap Sealable

Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Bakery
- ✓ Crisps and Snacks

Uses

- ✓ HFFS Flexible Packaging

Appearance

- ✓ Clear/Transparent

Processing Method

- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported

Properties

| Property | Typical Value | Unit | Test Based On |
|--|---------------|-------------------------|-----------------|
| Yield | 62.6 | m ² /kg | Internal Method |
| Unit Weight | 15.9 | g/m ² | Internal Method |
| Film Thickness | 18 | µm | Internal Method |
| Haze | 2.0 | % | Internal Method |
| Gloss | 90 | Gloss Unit | Internal Method |
| Tensile Strength at Break | | | |
| 510 mm/min pull rate, 50 mm jaw separation | | | |
| MD | 124 | Mpa | Internal Method |
| TD | 248 | Mpa | Internal Method |
| Dimensional Stability | | | |
| 135°C / 275°F, 7 min | | | |
| MD | -4.5 | % | Internal Method |
| TD | -4.5 | % | Internal Method |
| Crimp Seal Strength | 440 | g/2.5 cm | Internal Method |
| Crimp Seal (MST) | 91 | °C | Internal Method |
| Coefficient of Friction | | | |
| Untreated/Untreated | 0.40 | | Internal Method |
| Treated/Treated | 0.40 | | Internal Method |
| Wetting Tension | | | |
| Treated Surface | 0.88 | receding cos θ | Internal Method |
| Water Vapor Transmission Rate | | | |
| 38°C, 90% RH | 7.1 | g/m ² /24 hr | Internal Method |

Food Contact

Any further regulatory information on this product (i.e. Food Contact application, Presence/absence of substances, Reach, ...) are accessible on the below link: <https://www.jindalfilms.com/login-register-docmg/>

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

- HSH contains a non-migratory slip system. Do not retreat.
- When HSH is printed with high heat-resistant inks, overlacquer is not required.
- HSH may be used as the inside web of adhesive laminations for use on HFFS machines.
- Priming is generally required when running water-based inks and adhesives with HSH. Consult your Jindal Films Technical Service Representative or supplier.

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.

Revision date

- October 10, 2013

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