

# Bicor™ 70 HSH

Oriented Polypropylene Film

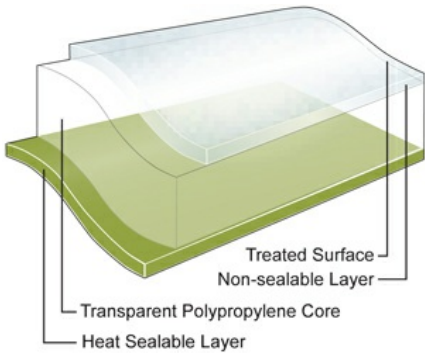


## Product Description

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 <sup>2</sup> /kg	Internal Method
Unit Weight	15.9	g/m <sup>2</sup>	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 <sup>2</sup> /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

© 2020 Jindal Films. Jindal Films, the Jindal Films' logo, and other product or service names used herein are trademarks of Jindal Films, unless indicated otherwise. You may not upload, display, publish, license, post, point to, frame, transmit or distribute either this document or its information, whether in whole or in part, without Jindal Films' prior written authorization. To the extent Jindal Films provides prior written authorization, the user may use the document or its information only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. Any data included herein may be based upon: analyses of representative samples and not the actual product shipped, typical values, or otherwise. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We base the information on data believed to be reliable, but we do not represent, warrant, or otherwise guarantee the accuracy, reliability, or completeness of this information; nor do we warrant, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, or suitability of the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. This document is not an endorsement of any non-Jindal Films' product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "Jindal Films" and "Jindal" are each used for convenience, and may include Films Americas LLC, Jindal Films Americas LLC, Films Europe S.à.r.l., Jindal Films Virton SPRL, Jindal Films India Ltd., or any companies affiliated with them in the production and sale of film products. There are a number of such affiliated companies, some with names including "Jindal" or "Films" and some not. Neither these terms and conditions, nor anything else in this document, is intended to override or supersede the legal separateness of those affiliated companies and responsibility for local action and accountability remains with them.