

# Bicor™ 140 BSR-ONE

Oriented Polypropylene Film

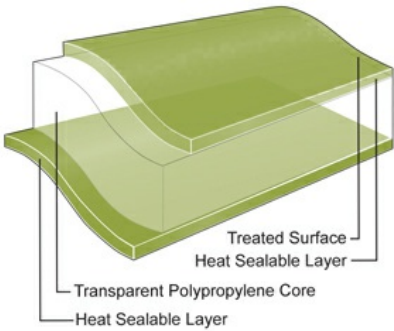


## Product Description

Bicor BSR-ONE is a two-side sealable, one-side treated, coextruded OPP film designed for unsupported plain or surface print applications, and in laminations on both HFFS and VFFS packaging machines.

## Key Features

- Excellent machinability
- Stable COF
- Excellent hot tack
- Excellent hot slip
- Excellent hot jaw release
- Excellent heat seal strength
- Wide heat seal range on the untreated side (80°F/45°C)
- Non-migratory slip system for consistent COF



## General

### Availability

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

### Features

- ✓ In Lamination Lap Sealable

### Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Box Overwrap
- ✓ Confectionery, Gum
- ✓ Confectionery, Sugar
- ✓ Bakery
- ✓ Frozen Food
- ✓ Crisps and Snacks
- ✓ Pet Food

### Uses

- ✓ Box Overwrap Flexible Packaging
- ✓ HFFS Flexible Packaging
- ✓ Pre-made Bags - Flexible Packaging
- ✓ VFFS Flexible Packaging

### Appearance

- ✓ Clear/Transparent

### Processing Method

- ✓ Inner Web Adhesive Lamination
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Surface Print Unsupported

## Properties

Property	Typical Value	Unit	Test Based On
Yield	31.3	m <sup>2</sup> /kg	Internal Method
Unit Weight	31.9	g/m <sup>2</sup>	Internal Method
Film Thickness	36	µm	Internal Method
Haze	2.3	%	Internal Method
Gloss			
Treated Surface	85		Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	114	Mpa	Internal Method
TD	255	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-4.5	%	Internal Method
Crimp Seal Strength			
121°C, 0.1 Mpa, 0.75 sec	640	g/2.5 cm	Internal Method
Crimp Seal (MST)			
Untreated/Untreated	102	°C	Internal Method
Treated/Treated	112	°C	Internal Method
Coefficient of Friction			
Treated/Treated	0.34		Internal Method
Untreated/Untreated	0.39		Internal Method
Wetting Tension			
Treated Surface	0.80	receding cos θ	Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	3.7	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

- BSR-ONE contains a non-migratory slip system. Do not retreat.
- BSR-ONE is used on HFFS, VFFS, and box overwrap machines as a monoweb or as the inside web of an adhesive lamination.
- BSR-ONE is two-side sealable and can be used for lap or fin seal applications.
- Priming is generally required when running water-based inks and adhesives with BSR-ONE. 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