

# Bicor™ 140 BSR-ONE

Oriented Polypropylene Film

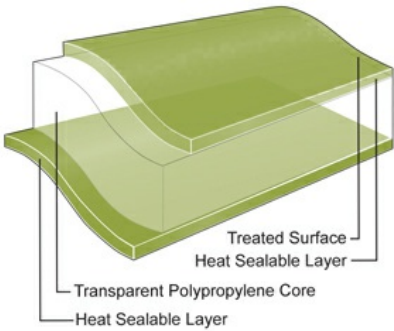


## Product Description

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 & Typical Values

Property	Typical Value	Unit	Test Based On
Yield	22000	in <sup>2</sup> /lb	Internal Method
Unit Weight	19.6	lb/ream	Internal Method
Film Thickness	1.4	mil	Internal Method
Gloss (45°)			
Treated Surface	85		Internal Method
Haze	2.3	%	Internal Method
Tensile Strength at Break			
20 in/min pull rate, 2.0 in jaw separation			
MD	16500	psi	Internal Method
TD	37000	psi	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-5.0	%	Internal Method
TD	-4.5	%	Internal Method
Crimp Seal Strength			
250°F, 20 psi, 0.75 sec	650	g/in	Internal Method
Crimp Seal (MST)			
Untreated/Untreated	216	°F	Internal Method
Treated/Treated	234	°F	Internal Method
Coefficient of Friction			
Untreated/Untreated	0.22		Internal Method
Treated/Treated	0.25		Internal Method
Wettability			
Treated Surface	0.80	receding cos θ	Internal Method
Water Vapor Transmission Rate			
100°F, 90% RH	0.24	g/100 in <sup>2</sup> /24 hr	Internal Method

**TYPICAL PROPERTIES : these are not to be construed as specifications**

## 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

This product is not intended for or supported for use in pharmaceutical or medical applications requiring compliance with EU or US Pharmacopeia.

## 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

- September 06, 2022

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