

Bicor™ 140 BSR-ONE

Oriented Polypropylene Film

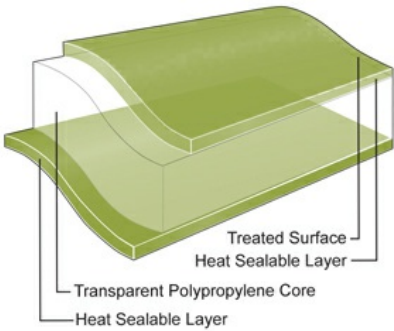


Product Description

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	31.3	m ² /kg	Internal Method
Unit Weight	31.9	g/m ²	Internal Method
Film Thickness	36	µm	Internal Method
Gloss (45°)			
Treated Surface	85		Internal Method
Haze	2.3	%	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			
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			
38°C, 90% RH	3.7	g/m ² /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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