

# Bicor™ 70 CSR-M

Oriented Polypropylene Film

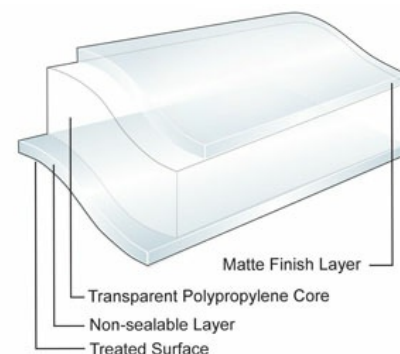
**Jindal**  
Films

## Product Description

Bicor CSR-M is a one-side matte finish, one-side treated, non-heat sealable OPP film designed for cold seal release as the outer web of a lamination. CSR-M is also an excellent matte finish slip film for heat seal laminations. The paper-like appearance of CSR-M provides a differentiated shelf appeal, with a satiny appearance when reverse printed.

## Key Features

- Excellent ink adhesion on the treated surface
- Non-migratory slip system for consistent COF
- Very uniform, low-gloss surface
- Excellent release from cold seal surfaces



## General

### Availability

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

### Applications

- ✓ Biscuits/Cookie/Crackers
- ✓ Bakery
- ✓ Fresh Produce
- ✓ Confectionery, Chocolate
- ✓ Dairy Products

### Uses

- ✓ HFFS Flexible Packaging
- ✓ VFFS Flexible Packaging

### Appearance

- ✓ Clear/Transparent

### Processing Method

- ✓ Cold Seal Adhesive
- ✓ Outer Web Adhesive Lamination
- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Water-based Flexographic Printing

## 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	72	%	Internal Method
Gloss			
Matte Surface	8		Internal Method
Tensile Strength at Break			
510 mm/min pull rate, 50 mm jaw separation			
MD	110	Mpa	Internal Method
TD	207	Mpa	Internal Method
Dimensional Stability			
135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-3.0	%	Internal Method
Coefficient of Friction			
Matte/Matte	0.35		Internal Method
Wetting Tension			
Treated Surface	0.82	receding cos θ	Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	7.9	g/m <sup>2</sup> /24 hr	Internal Method

## Food Contact

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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

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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

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- CSR-M provides excellent adhesion on the treated side for printing, laminating, and cold seal adhesives, without having to retreat or prime. Retreating may cause back-side treatment, which can affect release and - COF characteristics. Contact cold seal supplier for recommended cohesive application.
- The matte surface is not suitable for printing.

## Footnotes

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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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