

Preliminary

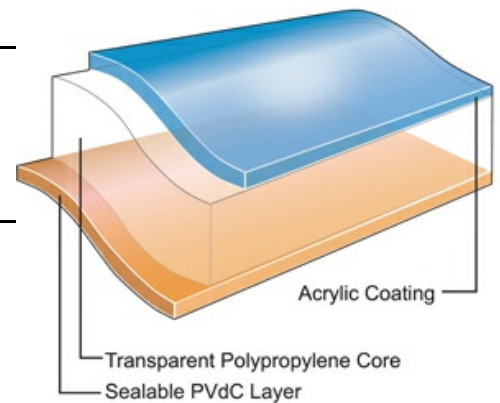
Oriented Polypropylene Film

Product Description

Bicor 42COS is a biaxially oriented transparent polypropylene film, coated one side acrylic, one side PVdC. This film has been specially developed for cosmetic box overwrap applications. It provides outstanding optics, scratch and alcohol resistance on the PVdC side and improved sealing performance.

Key Features

- Outstanding optical properties
- Scratch and alcohol resistant on PVdC layer side
- Good low pressure sealability
- Excellent seal strength and hot tack
- Water based coatings



General

Availability

- ✓ Africa & Middle East
- ✓ Europe

Features

- ✓ Acrylic Coated
- ✓ In Lamination Lap Sealable
- ✓ PVdC Coated
- ✓ Humidity Resistant

Applications

- ✓ Health and Beauty Care
- ✓ Household and Detergents

Uses

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

Appearance

- ✓ Clear/Transparent

Processing Method

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

Revision date

- ✓ November 22, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	25.9	m ² /kg	Internal Method
Unit Weight	38.6	g/m ²	Internal Method
Film Thickness	42	μ	Internal Method
Haze	1.8	%	Internal Method
Gloss(45°)	98		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	120	Mpa	Internal Method
TD	240	Mpa	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	175	%	Internal Method
TD	65	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-2.0	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3500	Mpa	Internal Method
Seal Strength (ESM)			
<i>Acrylic/Acrylic</i>			
105°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
<i>PVdC/PVdC</i>			
105°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Seal Strength (LPS)			
<i>Acrylic/Acrylic</i>			
100°C, 0.003 Mpa, 0.5 sec	200	g/2.5 cm	Internal Method
<i>PVdC/PVdC</i>			
120°C, 0.003 Mpa, 0.5 sec	200	g/2.5 cm	Internal Method
Heat Seal Range			
Acrylic/Acrylic	50	°C	Internal Method
PVdC/PVdC	40	°C	Internal Method
Coefficient of Friction			
Acrylic/Acrylic	0.25		Internal Method
PVdC/PVdC	0.35		Internal Method

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.

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.

Typical properties: these are not to be construed as specifications.

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