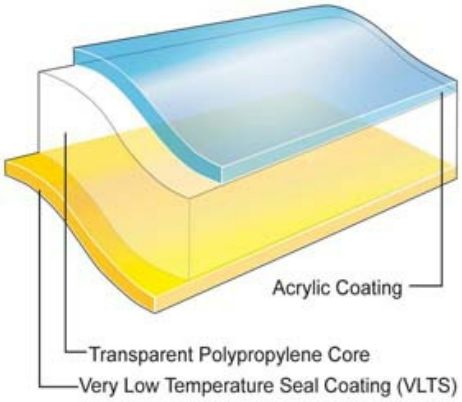
Bicor™ 25MB668

SI English

Oriented Polypropylene Film

Product Description

Bicor 25MB668 is a high speed transparent, biaxially oriented polypropylene film, coated one side acrylic, one side very low seal temperature (VLTS) coating. VLTS coating provides excellent performances on high speed HFFS machines. Acrylic coating provides aroma barrier and excellent support for printing.



Key Features

- Exceptionally wide sealing range with a low minimum seal temperature (MST)
- Excellent seal strength and hot-tack
- Robust performance on horizontal flowpack machines
- Excellent humidity seal retention on VLTS side
- Good aroma barrier
- Outstanding optical properties
- Ideal support for normal ink systems
- Water-based coatings

General

Availability

- Africa & Middle East
- Asia Pacific
- Europe

Features

- Acrylic Coated
- Flavor & Aroma Barrier
- Humidity Resistant
- Very Broad Seal Range
- Very Low Temperature Seal (VLTS) Coated

Applications

- Biscuits/Cookie/Crackers
- Confectionery, Gum
- Confectionery, Sugar
- Bakery
- Confectionery, Chocolate
- Frozen Food
- Health and Beauty Care
- Household and Detergents

Uses

- HFFS Flexible Packaging

Appearance

- Clear/Transparent

Processing Method

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

Revision date

October 10, 2013

Properties

Property	Typical Value	Unit	Test Based On
Yield	44.2	m²/kg	Internal Method
Unit Weight	22.6	g/m²	Internal Method
Film Thickness	25	µ	Internal Method
Haze	1.2	%	Internal Method
Gloss(45°)	87		Internal Method
Tensile Strength at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	160	Mpa	Internal Method
TD	290	Mpa	Internal Method
Elongation at Break			
200 mm/min pull rate, 120 mm jaw separation			
MD	175	%	Internal Method
TD	60	%	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-6.0	%	Internal Method
TD	-5.5	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3800	Mpa	Internal Method
Seal Strength (ESM)			
VLTS/VLTS			
85°C, 0.034 Mpa, 2 sec	300	g/2.5 cm	Internal Method
Heat Seal Range			
VLTS/VLTS	70	°C	Internal Method
Coefficient of Friction			
Acrylic/Acrylic	0.25		Internal Method
VLTS/VLTS	0.40		Internal Method
Water Vapor Transmission Rate			
38°C, 90% RH	5.0	g/m²/24 hr	Internal Method
23°C, 85% RH	1.1	g/m²/24 hr	Internal Method
Oxygen Transmission Rate			
23°C, 0% RH	850	cm³/m²/24 hr	Internal Method
Oxygen Transmission Rate (Wet)			
23°C, 75% RH	850	cm³/m²/24 hr	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.

Processing Statement

Acrylic and VLTS coatings are not seal compatible.

Footnotes

1. Product may not be available in one or more countries in the identfied 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.
3. Sample dimensions and conditioning vary due to differences in equipment design.

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