

MBH568 film

For outstanding protection to moisture & gases with high clarity coated OPP films in demanding HFFS packaging applications, conforming to future mono-material requirements for compatibility with PP recycling streams.

Features

- Improved moisture and gas barrier OPP films to help keep products fresh and maintain a dry or moist texture throughout the shelf life
- Non-halogenated (PVdC-free) water based coated films with stable surface properties for smooth conversion and packaging operations
- Clear OPP films using only solvent free water-based coating technologies
- Bicor™ MBH568 delivers outstanding packaging performance for high and variable speed HFFS applications
- MBH film have higher stiffness to help end-users down-gauge or reduce packaging weight in existing single web applications



Benefits

Modified barrier coated clear films with improved WVTR and OTR properties which provide stable and outstanding performances on most HFFS packaging machines with aroma barrier, similar to well-known Bicor™ MB668 coated films.

PROMOTION

- High gloss coated OPP film provide excellent onshelf appearance compared to coextruded films
- High clarity film with outstanding machinability for optimal pack aspects on-shelf visibility and good scuff resistance

PROTECTION

- Excellent moisture and gas barrier with transparent OPP film allows applications that would otherwise use laminates or thicker films
- Water-based coatings delivering good balance of aroma barrier and protection to mineral oils, as well as alcohol, scuff and humidity resistance

PERFORMANCE

- Excellent machinability on HFFS with MBH568
- Stable surface properties for optimal conversion and excellent packaging performance

PLANET

- High moisture barrier solutions provide opportunities to reduce packaging weights with down-gauging for less virgin plastic usage
- PVdC-free formulation helps conform to PP mono-material requirements of the future (>95% PP)





: MBH568 film

Bicor™ MBH568 are biaxially oriented transparent polypropylene films with improved moisture and gas barrier properties, water based coated on both sides. MBH568 is coated one side with a barrier coating and one side with VLTS coating.

Bicor™ MBH568 films are typically used either surface printed on the barrier coated side or unprinted in single web for higher speed HFFS applications. They can be used to replace PVdC coated films for improved recycling performance. MBH568 has high gloss, stable slip properties, good seal jaw release and great resistance to scuffing, alcohol spraying and humidity. The gas barrier properties are stable at moderate humidity levels and more stable than other films, typically using PVOH or EVOH technologies.

OPP FILM COMPARISON FOR HIGH SPEED HFFS MARKETS

Improved barrier performance with Bicor MBH568 films

| FILM PROPERTY for HFFS | 25HLD (coex) | 26MBX768 (Acrylic/ VLTS) | 25MB668 (Acrylic/ VLTS) | 25MBH568 (Barrier CTG/VLTS) | UNIT |
|---------------------------|-------------------|--------------------------------|-------------------------------|-----------------------------------|----------------------------|
| Thickness | 25 | 26 | 25 | 25 | μm |
| Unit weight | 22,8 100% | 24 105% | 22,6 99% | 22,0 97% | g/m² index |
| Gloss @ 45° | 85 | 98 | 85 | 95 | - |
| WVTR 38°C 90%RH | 5,5 55% | 3 100% | 5 60% | 3,1 97% | g/m²/day relative index |
| OTR @23°C;0%RH | high | 20 | 850 | 10 | cc/m²/day |

| FILM PROPERTY for HFFS | 30HLD (coex) | 32MBX768 (Acrylic/ VLTS) | 30MB668 (Acrylic/ VLTS) | 30MBH568 (Barrier CTG/VLTS) | UNIT |
|---------------------------|---------------------|--------------------------------|-------------------------------|-----------------------------------|----------------------------|
| Thickness | 30 | 32 | 31 | 30 | μm |
| Unit weight | 27,3 100% | 29,4 105% | 28,1 103% | 27,5 101% | g/m² relative index |
| Gloss @ 45° | 85 | 98 | 85 | 95 | - |
| WVTR 38°C; 90%RH | 4,6 65% | 3 100% | 4,5 67% | 2,7 111% | g/m²/day relative index |
| OTR @23°C;0%RH | - | 20 | 750 | 10 | cc/m²/day |



Contact your Jindal Films representative for more information **WWW.jindalfilms.com**

info@jindalfilms.com



© 2024 Jindal Films, Jindal Films, Jindal Films, Indial Films' logo, and other product or service names used herein are trademarks of Jindal Films, unless indicated otherwise. You may not upload, display, publish, license, post, point to, frame, transmit or distribute either this document or its information, whether in whothur Jindal Films provides prior written authorization, the user may use the document or its information only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. Any data included herein may be based upon: analyses of representative same treates only to the named product or materials when not in combination with any other product or materials. We base the information on data belies the information of the school of the complete product or materials when not in combination with any other product or materials. We base the information on data belies the information on data belies the information of the completeness of the information; nor do we warrant, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement or suitability of the products, materials or processes described. The user is solely responsible for diterminations regarding any use of material or product and any process in its territories of interest view expressly disclaim any contrary implication. The terms "we," "our," "Indial Films" and "Jindal" or relying on any of the information in this document, is not an endorsement of any non-Jindal Films indial Films indial Films have convenience, and may include Films Americas LLC, Jindal Films Mericas LLC, Jindal Films with a some not. Neither these terms and conditions, nor anything else in this document, is intended to override or supersed the legial separateness of those affiliated companies and responsibility for local action and accountability remains with them.