

Transparent High Barrier films

Alox-Lyte™ OPP-based films were developed by Jindal Films to provide a transparent, high barrier solution to a range of substances including water vapor, oxygen, aromas and mineral oils. Different Alox-Lyte™ grades offer outstanding properties based on our proprietary technology which vacuum deposits a transparent barrier coating layer on a transparent multi-layer polypropylene base film.

Features

- Excellent oxygen, moisture and mineral oil barrier keeps products tasty, crispy and safe
- High transparency keeps products visible
- High yield keeps cost down
- Polypropylene based material allows recycle-ready packaging structures
- Portfolio range allows use in 2- and 3-ply laminates



Benefits

SUSTAINABILITY

When OPP-based Alox-Lyte™ films are used in polypropylene-only laminates they can easily be recycled, while their high barrier properties extend product shelf-life for less food waste.

LIFESTYLE

With a growing consumer trend towards “see what you eat”, packaging can be differentiated with transparent Alox-Lyte™ films.

EFFICIENCY

High barrier, high yield Alox-Lyte™ films combine the benefits of low density with thinner films, helping to add value in highly competitive packaging markets.

FOOD SAFETY

Offering an excellent barrier to mineral oils, Alox-Lyte™ films provide the protection products deserve.

RETAIL TRENDS

Replacing rigid with flexible packaging has never been so easy with low weight Alox-Lyte™ films that can help optimize retail shelf-space.



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Alox-lyte™ are high barrier, transparent, biaxially-oriented polypropylene films, which are vacuum coated on one side with Aluminum Oxide. The other side is heat-sealable. It provides good moisture & gas protection, aroma barrier, mosh moah (mineral oil) barrier and are designed to be used as the inner web of barrier laminates.

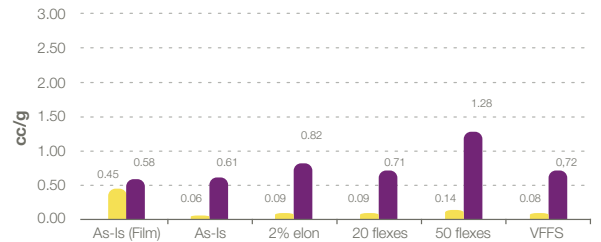
Markets:

- Food & Beverage
- Medical & Pharmaceutical
- Health & Beauty Care
- Electronics

Applications:

- Fully transparent, partially printed or print & window
- Flat and Stand up pouches
- VFFS flexible packaging
- HFFS flexible packaging
- Flat sachet

BARRIER DURABILITY

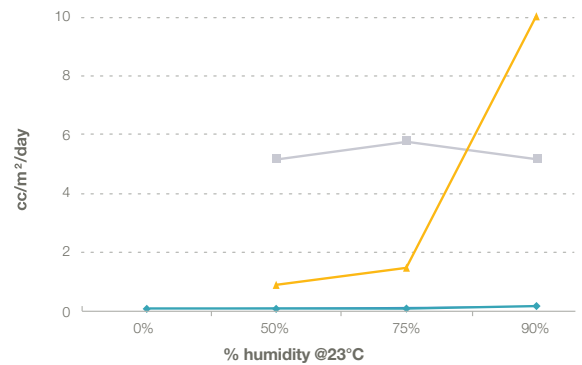


WTR constant after lamination - OTR improved by the lamination step

Durability : Film & Laminate (20MB400//16A0894)

OTR : cc/m²/day 23°C/0%rh; WVTR : g/m²/day 38°C/90%rh

OXYGEN BARRIER INDEPENDENCY ON HUMIDITY



— 20OPP//16A0894 — 12PVDC PET//30PE — 20OPP//45PE-EVOH-PE

Jindal Films data



Contact your Jindal Films representative for more information

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