

Ethy-Lyte™ 25HD200

Oriented Polyethylene Film

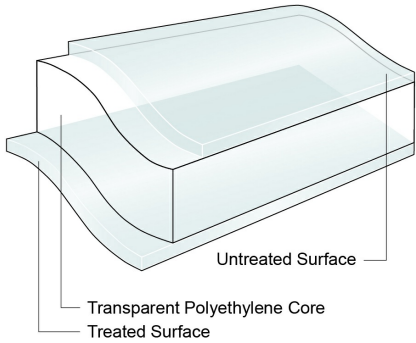


Product Description

25HD200 is a one-side treated, bi-axially oriented, high density polyethylene (BOPE) film. Designed as a high performance printing web, setting a new market standard for recyclable films.

Lamination of 25HD200 with other PE films generates fully recyclable polyethylene structures.

Due to good performance in the packaging process, 25HD200 is suitable for a broad range of applications.



Key Features

- Best performance in printing and lamination
- High mechanical stability
- Good transparency
- Consistent coefficient of friction (COF)

General

Availability

- | | | |
|------------------------|-----------------|-----------------|
| ✓ Latin America | ✓ North America | ✓ South America |
| ✓ Africa & Middle East | ✓ Asia Pacific | ✓ Europe |

Applications

- | | | |
|----------------------------|--------------------------|----------------------------|
| ✓ Biscuits/Cookie/Crackers | ✓ Bakery | ✓ Fresh Produce |
| ✓ Frozen Food | ✓ Health and Beauty Care | ✓ Household and Detergents |
| ✓ Crisps and Snacks | ✓ Pet Food | |

Uses

- | | | |
|--------------------------------|---------------------------------------|---------------------------|
| ✓ HFFS Flexible Packaging | ✓ Pre-made Bags - Flexible Packaging | ✓ VFFS Flexible Packaging |
| ✓ Pouches - Flexible Packaging | ✓ Stand Up Pouch - Flexible Packaging | |

Appearance

- ✓ Clear/Transparent

Processing Method

- | | | |
|-------------------------------------|----------------------------------|--------------------------------|
| ✓ Outer Web Adhesive Lamination | ✓ Solvent Flexographic Printing | ✓ Solvent Rotogravure Printing |
| ✓ Water-based Flexographic Printing | ✓ Outer Web Extrusion Lamination | |

Properties

| Property | Typical Value | Unit | Test Based On |
|--|---------------|-------------------------|-----------------|
| Yield | 42.3 | m ² /kg | Internal Method |
| Film Thickness | 25 | µm | Internal Method |
| Density | 0.95 | kg/dm ³ | Internal Method |
| Gloss | 85 | Gloss Unit | Internal Method |
| Haze | 5.5 | % | Internal Method |
| Elastic Modulus | | | |
| MD | 1500 | Mpa | Internal Method |
| TD | 2000 | Mpa | Internal Method |
| Coefficient of Friction | | | |
| Untreated/Untreated | 0.35 | | Internal Method |
| Treatment | | | |
| Treated Surface | 40 | dyne/cm | Internal Method |
| Water Vapor Transmission Rate | | | |
| <i>Tested at 38°C/100%RH, then calculated to 90%RH with .90 multiplier</i> | | | |
| 38°C, 90% RH | 5 | g/m ² /24 hr | Internal Method |

Food Contact

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

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

- Contact your Jindal Films Technical Service Representative for processing recommendations and guidelines
- Refreshing of the treatment before usage recommended.

Footnotes

- Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.

Revision date

- September 02, 2021

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