

Preliminary

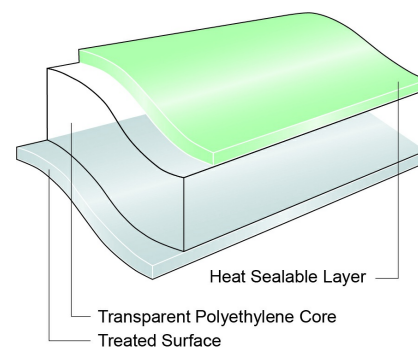
Oriented Polyethylene Film

Product Description

25HD240 is a one side treated, one side sealable biaxially oriented polyethylene (BOPE) film designed as a sealable high performance print web, setting a new market standard in recyclable films. 25HD240 is sealable to itself, Sealtough™, blown PE and OPP films and suitable for multiple types of seals: lap seal, gusset or bottom sealing and also for single web applications, etc.

Lamination of 25HD240 as an outer web with other PE films generates fully recyclable polyethylene structures.

Due to good performance in the packaging process, 25HD240 is suitable for a broad range of applications.



Key Features

- Sealable film with best performance in printing and lamination
- Very good sealability of the untreated surface with a wide range of polyethylene for lap seal applications
- High mechanical stability
- Good transparency
- Consistent coefficient of friction

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
Haze	6	%	Internal Method
Elastic Modulus			
MD	1500	Mpa	Internal Method
TD	2000	Mpa	Internal Method
Minimum Sealing Temperature (Min 300g/25mm) <i>untreated/untreated</i> 25N/cm ² – 0.5 sec – Flat/Flat	95	°C	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 03, 2021

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