

Technical Data Sheet

Moplen HP2624

Polypropylene, Homopolymer



Product Description

Moplen HP 2624 is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). The product is particularly suitable for both plain and coextruded structures for metallization. It does not contain any slip or antiblocking agents and is Calcium Stearate free. BOPP films made of *Moplen* HP 2624 are widely used in the food packaging industry. *Moplen* HP 2624 is suitable for food contact.

Regulatory Status

For regulatory compliance information, see *Moplen* HP2624 [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Application	Barrier Film; Food Packaging Film
Market	Flexible Packaging
Processing Method	BOPP
Attribute	Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	2.0	g/10 min	ISO 1133-1
Density	0.900	g/cm ³	ISO 1183-1
Mechanical			
Tensile Stress at Yield	34	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	410	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	11	%	ISO 527-1, -2
Hardness			
Shore Hardness, (Shore D)	71		ISO 868
Thermal			
Vicat Softening Temperature, (A50)	152	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	93	°C	ISO 75B-1, -2
Optical			
Haze	0.60	%	ASTM D1003

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

LyondellBasell
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Date: 7/25/2017

Moplen HP2624
Recipient Tracking #:
Request #: 908907

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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Users should review the applicable Safety Data Sheet before handling the product.

This product(s) may not be used in the manufacture of any of the following, without prior written approval by Seller for each specific product and application:

- (i) U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;
- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
- (v) safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.

The product(s) may not be used in:

- (i) U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices;
- (ii) applications involving permanent implantation into the body;
- (iii) life-sustaining medical applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

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