



Moplen EP2967

Polypropylene, Impact Copolymer

Product Description

Moplen EP2967 is a low fluidity heterophasic copolymer designed for extrusion applications where smooth processability and high mechanical properties are of the utmost importance. Main applications are extrusion of film for heavy duty applications, adhesive tapes, lamination film and extrusion blow moulded containers for e.g. detergents.

Moplen EP2967 is suitable for food contact.

For regulatory information please refer to Moplen EP2967 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	Europe, Africa-Middle East
Processing Methods	Blown Film, Extrusion Blow Molding
Features	Impact Copolymer, Low Flow , Good Processability
Typical Customer Applications	Blow Moulding Applications, Containers, Film, Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
Mechanical			
Tensile Strength @ Brk MD	ASTM D 882	63	MPa
Tensile Strength @ Yld MD	ASTM D 882	16	MPa
Elongation at break MD	ASTM D 882	830	%
Optical			
Haze (50)	ASTM D 1003	48	%
Gloss (50)	ASTM D 2457	17	
Film			
Secant modulus MD	ASTM D 882	500	MPa

Additional Properties

Film properties obtained on cast film produced with laboratory line under internal standard conditions.

Typical Film Properties:

Gloss, ASTM D 2457, 50 µm, 34 units

Haze, ASTM D 1003, 50 µm, 28%

Stress at Break, ASTM D 882, 500 mm/min, 50 µm, MD, 62 MPa

Elongation at Break, ASTM D 882, 500 mm/min, 50 µm, MD, 1000%

Dart Impact strength, >1450 g.

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyb.com/>.

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This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) 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; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

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

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

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