

Moplen EP2967

PP grade for extruded applications

The new *Moplen* EP2967 is a low fluidity polypropylene (PP) heterophasic copolymer, which is selected by customers for use in extruded applications when high mechanical properties are of the utmost importance.

This new grade is produced using a non-phthalate catalyst system and can be used in applications intended for food contact. It is mainly extruded in single layer for lamination on other substrates, obtaining structures that can be processed under high retorting conditions.

Moplen EP2967 has the potential to provide impact, puncture and tear resistance properties, high seal strength and seal integrity. It could also be used as a building block for heavy duty bags, delivering high impact and thermal resistance over a broad range of temperatures.

This grade can also be used in some other typical applications, such as extruded film for adhesive tapes, lamination film, pipes, fittings and containers produced by extrusion blow molding.

Features and Benefits

- Stand Up Pouch (SUP)
- Laminated barrier structure
- Organoleptic
- Low gels content

Resin Properties

Typical Properties	Method	Value	Unit
MFR (@ 230°C/2.16kg)	ISO 1133	0.85	g/10min
Tensile Modulus (on Film 1mm/min)	ISO 527	1075	MPa
Charpy (@23°C, Type 1, Edgewise, Notch A)	ISO 179	70	kJ/m ²
Charpy (-20 °C, Type 1, Edgewise, Notch A)	ISO 179	6	kJ/m ²
Melting Temperature (DSC)	ISO 11357-3	162	°C
Vicat Softening Temperature A/50	ISO 306	150	°C

Typical properties, not to be considered as specifications



Information related to food contact status and other relevant regulatory subjects are available in the Product Stewardship Bulletin (PSB) at the website: <http://www.lyondellbasell.com/Products/ProductStewardship/RequestRegulatoryDocumentPSB/>

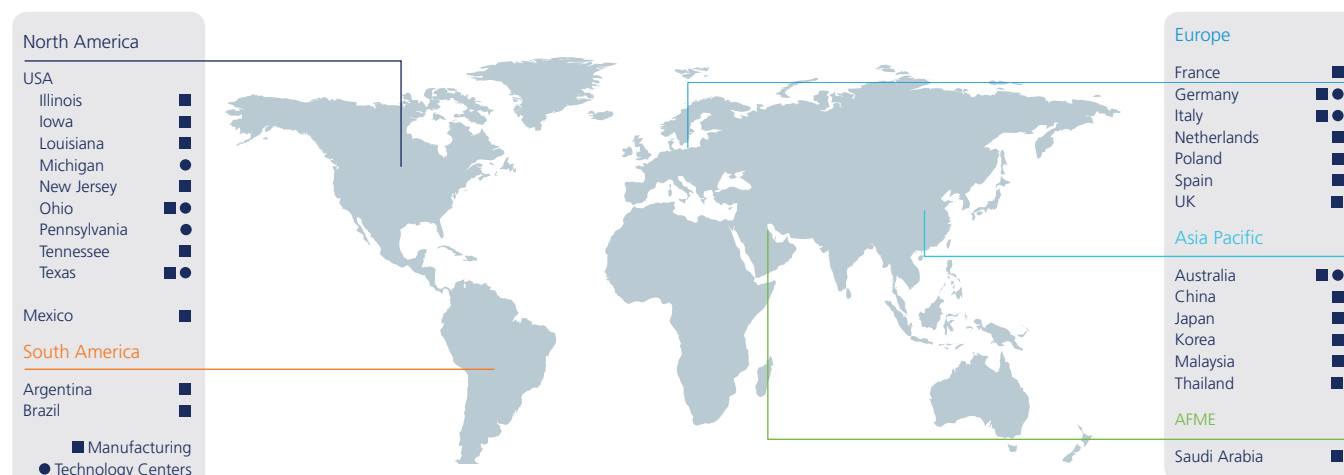
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About LyondellBasell

LyondellBasell is one of the world's largest plastics, chemical and refining companies. We are the largest producer of polypropylene and polypropylene compounds; a leading producer of propylene oxide, polyethylene, ethylene and propylene; a global leader in polyolefins technology; and a producer of refined products, including biofuels.

LyondellBasell products and technologies are used to make items that improve the quality of life for people around the world including packaging, electronics, automotive components, home furnishings, construction materials and biofuels.

Global Reach



Owned or operated by LyondellBasell, its subsidiaries and/or joint ventures

Our Product Lines And The End Markets We Serve...

<p>Olefins & Polyolefins</p> <ul style="list-style-type: none"> – Americas – Europe, Asia & International  <p>Key Products</p> <ul style="list-style-type: none"> Ethylene Propylene Polyethylene Polypropylene Catalloy Process Resins Polypropylene Compounds Polybutene-1 <p>End Uses</p> <ul style="list-style-type: none"> • Food Packaging • Textiles • Automotive • Appliances • Films • Flexible Piping 	<p>Intermediates & Derivatives</p>  <p>Key Products</p> <ul style="list-style-type: none"> Propylene Oxide Styrene Monomer PG and PGE Acetyls Oxyfuels Ethylene Oxide EG and EOD <p>End Uses</p> <ul style="list-style-type: none"> • Insulation • Home Furnishings • Adhesives • Consumer Products • Coatings 	<p>Refining</p>  <p>Key Products</p> <ul style="list-style-type: none"> Gasoline Diesel Olefins Feed <p>End Uses</p> <ul style="list-style-type: none"> • Automotive Fuels • Aviation Fuels • Heating Oil • Industrial Engine Lube Oils 	<p>Technology</p>  <p>Key Products</p> <ul style="list-style-type: none"> Process Licensing Catalyst Sales Technology Services <p>End Uses</p> <ul style="list-style-type: none"> • Polyolefin and Chemical Manufacturing Processes
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