

Purell RP315M

Superior properties for extrusion and injection molding conversion technologies



The new resin *Purell* RP315M is the latest addition to the *Purell* family of grades. This grade is intended for cast film applications and benefits from LyondellBasell’s dedicated procedures and higher manufacturing standards for products used in pharmacy, healthcare, laboratory and diagnostics applications.

Purell RP315M offers not only outstanding sealing properties in film structures, but also exhibits excellent homogeneity, meeting high quality requirements in film extrusion conversion. Additionally, its rheology behavior also fits with injection molding conversion technologies.



This polypropylene random copolymer offers a good balance of physical-mechanical and optical properties. It contains slip and anti-blocking additivation, and is produced by adopting a non-phthalate based catalytic system.

Features and Benefits

- | Excellent sealing performance
- | Slip and anti-blocking additivation
- | Low gel content with good optical and aesthetic properties
- | Wide processing window
- | Complies with certain EP monographs and USP tests applicable to plastic materials. For more information please refer to our company Product Stewardship Bulletin (PSB)
- | Drug Master File listing

Some typical applications

- | Packaging of medical devices and pharmaceuticals
- | Flexible packaging
- | Labware
- | Caps & closures for pharma and cosmetics

Typical Properties	Method	Value	Unit
MFR (@ 230°C/2.16kg)	ISO 1133	8.0	g/10min
Tensile Modulus	ISO 527-1,-2	1100	MPa
Melting Temperature	ISO 3146	147	°C
HDT (0.45 MPa)	ISO 75-2	72	°C

Note: Typical properties, not to be considered as specifications

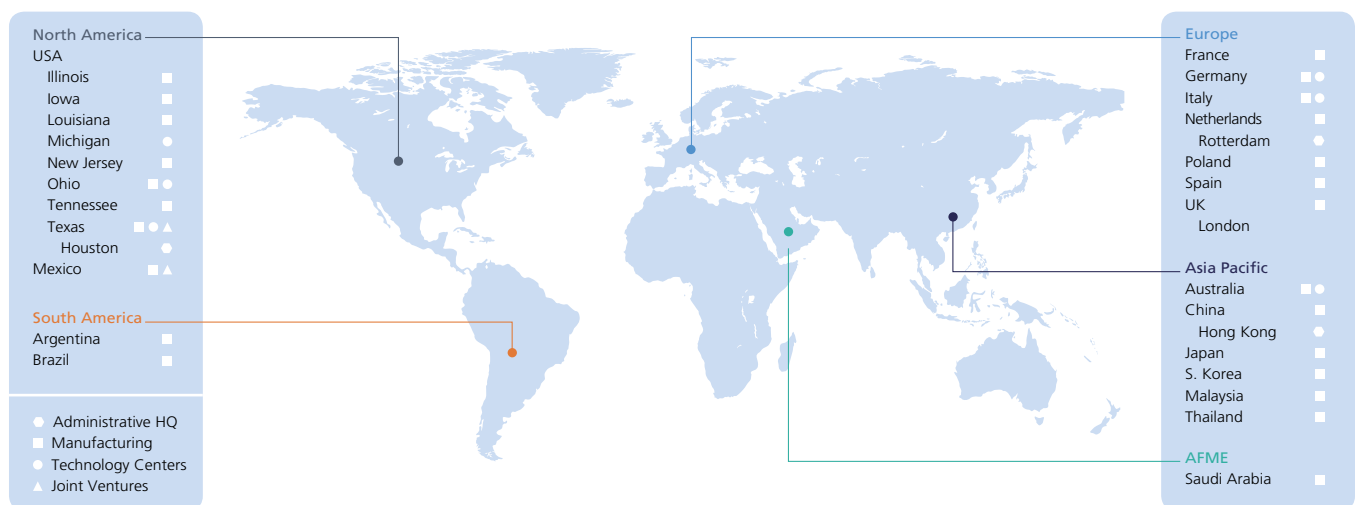
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About LyondellBasell

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

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

<p>Olefins & Polyolefins – Americas – Europe, Asia & International</p>  <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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