Reliance Polymers 360° Partnership. Delivering Value.

Enables Growth
- Sustainable, processed-based development
- Development of new applications
- Impact on product and market development
- Enhanced Weiner Management programs
- Trend in market analysis
- Impact of competition with local suppliers and ordinary fluctuations in existing processes

Supports Development
- Technology support
- Perfect Quality
- Product and market development
- Services
- Collaborative effort with local businesses and industries
- Partnership with governments, industries, and institutions
- Support of local community development

Ensures Sustainability
- Development of sustainable & cost-effective materials
- Conservation of natural resources
- Fosters competitive advantage
- Waste reduction and recycling
- New materials created with improved quality of life

Reliance Polypropylene in Appliances
Opening up new avenues and opportunities.
Reliance Industries Limited

Reliance Industries Limited (RIL) is India’s largest private sector company in terms of market capitalization. RIL is a business entity across sectors such as oil & gas, petrochemicals, polymers, and consumer products. It has substantial operations in 20 countries, serves over 1 billion customers, and was selected for inclusion in the S&P Global 100 index. RIL is the first private sector company from India to feature in the Fortune Global 500 list of the World’s Largest Corporations. It was ranked seventh in the Fortune Global 500 in 2021, making it the largest company based in Asia and the 30th largest in the world. RIL is the 16th most valuable company globally according to the 2023 Bloomberg 50.

Reliance Polymers

Reliance Polymers is one of the world’s largest producers of polymers with a current capacity of 4.4 MMTPA per annum. It is the only Polytene Polypropylene (PP), Polyethylene (PE), and Polyethylene Terephthalate (PET) producer using advanced technology, setting global benchmark for productivity and efficiency.

A wide range of grades in each category provides solutions for diverse applications across agriculture, water, electronics, medical and packaging. Superior melt-strength properties and fouling resistance ensure consistent quality and performance.

Polypropylene

Reliance Polymers offers a wide range of Polypropylene grades, from standard to custom-engineered ones. With over 300 grades, Reliance Polymers offers a comprehensive range of solutions across various applications. Reliance Polymers is committed to providing customers with high-quality and reliable products.

REPO Polypropylene

REPO Polypropylene is a new-age material that has transformed the world of appliances. It offers unmatched scratch resistance, impact resistance, and superior mechanical properties, making it an ideal choice for a wide range of applications.

REPO Polypropylene in Appliances

REPO Polypropylene is being used in the manufacture of various appliances due to its superior properties. It offers high resistance to impact, excellent dimensional stability, and low moisture absorption.

Performance Advantages of REPO Polypropylene

- Impact resistance: Up to 10 times higher compared to conventional thermoplastics.
- Weatherability: Resistant to UV light and outdoor exposure.
- Electrical properties: Excellent insulation properties.
- Durability: Resistant to chemical and abrasion.
- Cost-effectiveness: Lower material cost and reduced waste.
- Flexibility: Easy to mold and process.

Applications

REPO Polypropylene is used in various applications, including:

- Home appliances: Refrigerators, microwaves, and washing machines.
- Automotive: Engine components, interior trim, and door panels.
- Medical equipment: Parts requiring high sterilization resistance.
- Office equipment: Inside panels, drawers, and handles.

REPO Polymers – Growing together

As one of the leaders in the production of Polypropylene in the world, Reliance Polymers not only provides high-quality products but also focuses on sustainability. The company is committed to reducing its carbon footprint and adopting green practices in its operations. This approach aligns with the global trend towards sustainability and customer demand for eco-friendly products.
Reliance Industries Limited
Reliance Polymers Limited (RPL) is the largest producer of polymers in India, and is a leading petrochemical company with a strong history of innovation and growth. Its business activities include core sectors in all major areas of polymer production, ranging from ethylene, propylene, butadiene, acrylonitrile, and benzene to advanced specialty chemicals.

Polypropylene

Reliance Polymers is a major innovator in the polymers space, with a strong focus on research and development. The company produces a wide range of polypropylene grades and offers a comprehensive range of services to meet the needs of various industries. The company's polypropylene products are known for their excellent properties, including high impact strength, heat resistance, and resistance to chemicals.

Reliance Polymers

In the polypropylene space, Reliance Polymers offers a wide range of high-quality grades that cater to various applications. These grades are designed to meet the specific needs of different industries and applications, ensuring that customers can find the right solution for their requirements.

Reliance Polymers Polypropylene

Reliance Polymers is one of the world's largest producers of polypropylene with a capacity of 4.3 MTPA. It offers a range of polypropylene grades (PP) from specialty PP to high-performance PP (HPP), and polypropylene copolymers (PPC) suitable for a variety of applications. The company has a strong focus on research and development, ensuring continuous innovation and improvement in its products.

Reliance Polymers in Appliances

Reliance Polymers Polypropylene

Reliance Polymers widely uses the entire value chain, from the supplier to the customer, to provide a comprehensive range of services. The company is committed to offering the best possible service to its customers and ensuring that its products meet the highest quality standards.

Repol PP

A new-age material that has changed the world of appliances.

Repol PP is a revolutionary new material that has transformed the world of appliances. It offers a wide range of benefits over traditional materials, making it an ideal choice for various applications. Its unique properties make it an excellent choice for use in a variety of products, including kitchenware, household appliances, and automotive applications.

Repol PP

Repol PP, a new-age material, offers a wide range of benefits over traditional materials, making it an ideal choice for various applications. Its unique properties make it an excellent choice for use in a variety of products, including kitchenware, household appliances, and automotive applications.

Repol Polymers

Repol Polymers, with its legacy of innovations and service excellence, is recognized globally for its expertise in developing and manufacturing high-quality polymers. The company is committed to providing customers with a comprehensive range of products and services that meet their specific needs.

Repol Polymers in Appliances

Repol Polymers Polypropylene

Repol Polymers Polypropylene is a high-quality polymer that is ideal for various applications in the appliances sector. It offers excellent properties, including high impact strength, heat resistance, and resistance to chemicals, making it a preferred choice for a wide range of applications. The company's polypropylene grades are designed to meet the specific needs of different industries and applications, ensuring that customers can find the right solution for their requirements.

Repol Polymers Performance

Repol Polymers offers a wide range of benefits over traditional materials, making it an ideal choice for various applications. Its unique properties make it an excellent choice for various applications, including kitchenware, household appliances, and automotive applications.

Repol Polymers

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Reliance Industries Limited
Reliance Industries Limited (RIL) is India’s largest private sector company and India’s largest diversified business group. It has business activities across sectors like oil & gas, petrochemicals, retail, polymers, textil, chemical intermediates, fertilizers, organized retail and B2B, all driven by its powerful business model. The company is listed in the Forbes Global 2000 list of the World’s Largest Corporations. It remains amongst the Top 20 companies in terms of sales and amongst the Top 50 largest companies. It is amongst the World’s Top 10 Phenomenal Companies competing globally and amongst the US Fortune International Business Week in collaboration with the Business Grouping.

Reliance Polymers
Reliance Polymers is one of the world’s largest producers of polypropylene with a current capacity of 4.4 MMTPY. It produces Homopolymer and Copolymer. Polypropylene (PP), Polystyrene (PS) and Polyethylene Terephthalate (PET) are used in industrial and consumer applications across various industries.

Polypropylene
Reliance Polymers is a leading manufacturer of Polypropylene. Reliance Polymers offers a wide range of Polypropylene, Reinforced and Custom Grade. Reliance Polymers offers a wide variety of grade mixes, which are available in standard and modified grades. Reliance Polymers uses a wide range of raw materials and raw materials handling systems to manufacture high-quality products. Reliance Polymers uses state-of-the-art equipment to produce the finished product which is then packed and shipped to customers worldwide.

Repol PP
A new-age material that has changed the world of appliances.

Performance advantages of appliances using Repol PP
- Day maintenance
- No scratches
- Easy to maintain
- Zero damage

Applications
Repol PP being a versatile polymer, it can be used in many applications in the manufacturing of appliances such as:
- Washing machine components including suction body
- Refrigerator parts such as vegetable storage
- Dishwasher door and sash
- Air conditioner parts
- Air cooler parts
- Fan components such as fan guard, stand, base, base panel
- Mixer grinder parts
- Coffee machine components
- Iron base housing
- Vacuum cleaner components
- Water purifier components

Repol Polypropylene in Appliances
Opening up new avenues and opportunities.

Reliance Polymers
Reliance Polymers, with the backing of polymer and expanded technical facilities, backed by intellectual capital, focuses on the development of innovative products and offers value-added services by developing products and services from Reliance Polymers. This encompasses a wide range of products and services, from raw materials to end-to-end solutions, serving customers across industries in a variety of sectors.

Repol PP
Repol PP, a new-age material that has changed the world of appliances, offers numerous performance advantages and design benefits. It is widely used in the manufacturing of appliances, providing a range of benefits that make it a preferred choice for manufacturers.
## Reliance Polymers 360° Partnership. Delivering Value.

### Enriches Relationships
- Knowledge transfer
- Sharing of best practices and technical resources
- Customer growth
- Supplier synergy

### Ensures Sustainability
- Development of circular & sustainable solutions
- Conserving resources on social measures
- Focus on renewable resources
- Enhancing economic growth with improved quality of life

### Supports Development
- Technology development
- Customer access
- Procurement
- Collaborative research with leading universities & institutions
- Partnerships with government bodies and institutions
- Consistent supply chain and quality assurance
- Growth by core country development

## Repol PP grades available for appliances

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<thead>
<tr>
<th>S.No</th>
<th>Repol Grade</th>
<th>PBT</th>
<th>Tg (°C)</th>
<th>Tensile Yield (MPa)</th>
<th>Flex (MPa)</th>
<th>Impact (J/m)</th>
<th>HDT (°C)</th>
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### Random Co Polymers

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<th>Tensile Yield (MPa)</th>
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</table>

**Reliance Polymers & You**

Growth in Life

PP Business Development Group, Reliance Industries Ltd., Palasia Chambers, 24,120, Malhar Business Park, Phulbani, Odisha - 760018 India. Tel - +91-1472-522610

Email - dgm-polymer@rblindia.com; www.repol.com

**For polymer solutions, always use Reliance Polymers.**

Reliance Polymers - 100% Reliance-owned. Reliance Polymers Limited. Reliance Industries Limited. Reliance Industries Limited is a leading diversified global conglomerate operating in the sectors of petrochemicals, refining, retail, communications, power, infrastructure, and more. This information is intended for general awareness and should not be considered as an offer to trade in Reliance Polymers products. Reliance Polymers products are available through select distributors. For more information, visit www.repol.com. Reliance Polymers is a leading global petrochemicals company with operations in India, the Middle East, and Asia. Reliance Polymers is a leading global petrochemicals company with operations in India, the Middle East, and Asia. Reliance Polymers is a leading global petrochemicals company with operations in India, the Middle East, and Asia. Reliance Polymers is a leading global petrochemicals company with operations in India, the Middle East, and Asia. Reliance Polymers is a leading global petrochemicals company with operations in India, the Middle East, and Asia. Reliance Polymers is a leading global petrochemicals company with operations in India, the Middle East, and Asia.

**FOR POLYMER SOLUTIONS, ALWAYS USE RELIANCE POLYMERS.**
Reliance Polymers 360° Partnership. Delivering Value.

**Enables Growth**
- Sustainable, process-based development of advanced materials
- Improved product performance
- Well-tailored compounding solutions
- Executed better management programs
- Transfers technology

**Supports Development**
- Innovative processes
- Flexibility and market development
- Collaborative work on new technologies
- Partnerships with government bodies and institutions

**Ensures Sustainability**
- Development of natural and reduced-impact solutions
- Complementary processing and visual aesthetics
- Focus on renewable resources
- Better margins growth with improved quality of life

**Enriches Relationships**
- Knowledge transfer
- Strong industry and material connections
- Customer success
- Improved selling

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**Reliance Polypropylene in Appliances**
Opening up new avenues and opportunities.

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**Reliance Polymers**
Growth is Life

PP Business Development Group, Reliance Industries Ltd.
Palace Chambers, 31, 32, Vasant Vihar, Mahipalpur, Delhi - 110 063 India
Tel: +91-11-45413131
Email: ws_qcomms@rril.com

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**Table of PP Grades**

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**Impact Co Polymers**

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