



Repsol boosts its role as a key polymers supplier for the automotive industry

- Repsol reinforces its commitment to the automotive sector by expanding its specialized range of polymers for the sector, installing a new reactor to manufacture very high-impact polypropylene at its industrial complex in Tarragona.
- The project with a total budget of 31 million euros for new investments and upgrading one production line is part of its differentiated products strategy.
- The plant, which is already operational, is the first of its kind in the Iberian Peninsula.
- Additionally, due to their extraordinary impact resistance, these materials provide distinctive value to their customers present in other markets with high mechanical demands, such as high-end suitcases, new battery cases, or sports equipment.
- The products will be marketed under the Repsol Impacto® brand. Thanks to their high mechanical performance, they contribute to the safety and lightweight of cars, reducing their carbon footprint, which reinforces Repsol's role as a key supplier to the automotive sector and as a company committed to the environment in the framework of its net-zero emissions by 2050 goal.

Repsol has started up the first very high-impact polypropylene plant on the Iberian Peninsula. To produce these advanced materials it was necessary to transform one of its Tarragona Industrial Complex units, which has entailed a total investment of 31 million euros.

Repsol has a complete growth strategy for the automotive sector. A sector in which it has been present, working with European OEMs since the 80s with a wide range of polypropylene compounds for interior parts. Now the company reinforces its role as a supplier with this new range of very high-impact polypropylene, which is ideal for different elements with high safety requirements in both interior and exterior parts of vehicles, due to its high mechanical performance: bumper systems, grills, and front-end modules, instrument and doors panels, consoles, tailgates, or child restraint systems. A car contains an average of 70 kg of polypropylene (PP), of which about 30 kg are high-impact.

Repsol has enhanced its engineers and technical experts' team at its technology center in Madrid, Repsol TechLab, to accelerate implementing these solutions for the automotive industry. Furthermore, in a market in continuous transformation and with significant challenges in terms of safety and emission reduction, the company will continue to promote joint development with its customers and the homologation of these new products in the main OEMs in the European market.

In addition, this high-impact alternative has a lower density than other materials traditionally used in the automotive industry, thus helping to reduce the total weight of vehicles, which reduces their emissions and extends their autonomy. This project thus reinforces Repsol's role as a key supplier for the automotive sector and as a company committed to the environment in the framework of its net-zero emissions by 2050 goal.





To manufacture this new range of polymers, the company has installed an additional reactor in one of its polypropylene production units in the Chemical area of its Tarragona Industrial Complex. Thanks to this transformation, the company has expanded its Repsol Impacto® range to include new with very high-impact polypropylene grades, low blush materials, and a new range of bipolymers.

These materials can also improve the performance of other applications that can take advantage of these materials' particular high impact characteristics, such as suitcases, sports equipment, large batteries cases, and parts requiring greater resistance to low temperatures.

With this new industrial undertaking, Repsol reinforces its commitment to a highly demanding and technically advanced sector, such as the automotive, a sector of great importance in Europe.

About Repsol

Repsol is a global multi-energy company that is leading the energy transition with its ambition of achieving zero net emissions by 2050. Present throughout the energy value chain, the company employs 24,000 people worldwide and distributes its products in nearly 100 countries. Its customer-focused product and services portfolio meets all consumer needs to around 24 million customers, whether at home or on the move. Repsol is also a major player in the power and gas market in Spain with 1,2 million customers and a total low emissions generation capacity of 3.300 MW.

To achieve zero net emissions by 2050, Repsol is deploying an integrated model of decarbonization technologies based on enhanced efficiency, increased low-emissions power generation capacity, production of low-carbon fuels, development of new customer solutions, the circular economy, and by driving breakthrough projects to reduce the industry's carbon footprint.

Repsol has one of Europe's most efficient refining systems and has three large petrochemical facilities where differentiated products with high added value are developed. The company is transforming its seven industrial complexes in Spain, Portugal, and Peru into multi-energy hubs through state-of-the-art projects that will reduce their carbon footprint.

In Chemicals, Repsol is committed to greater efficiency in industrial processes geared towards the circular economy, with the goal of recycling the equivalent of 20% of its polyolefin production by 2030. Repsol has a [circular economy strategy since 2016](#) that it has applied throughout its value chain, from obtaining raw materials to commercializing products and services.

Its products are used to make everyday objects that improve people's quality of life, well-being, and safety. Its wide variety of chemical products range from base petrochemicals to derivatives and include a wide range of polyolefins, all 100% recyclable.





Supplementary graphic material and photographs to illustrate the information in the press release:

