

TotalEnergies unveils new HDPE resin for tethered caps to reduce material usage

Brussels, June 13, 2023 – TotalEnergies announces the commercial launch of a new high-density polyethylene (HDPE) resin for tethered cap applications, allowing to reduce material usage, enhance recovery and improve recycling.

The new HDPE 20HD07 resin has enhanced mechanical and organoleptic properties, enabling identical technical cap performances with less material than market reference, thus reducing the carbon footprint of end applications, such as beverage or cosmetic bottles. Furthermore, it has been designed for monomaterial PE packaging solutions to facilitate sorting and recycling, and hence contributes to the circular economy.

Suitable for food-contact applications, this new product complies with all the caps and closures market requirements. It is fully in line with the European Directive (EU) 2019/904 on the reduction of the impact of plastic products on the environment.

TotalEnergies will attend the AMI Plastic Closure Innovations conference in Barcelona, Spain, on June 14-15, 2023, and its experts will be available to answer questions regarding this development.

"TotalEnergies is fully committed to improving the environmental impact of its products. Applying eco-design principles in our development process allows us to push downgauging possibilities further, while maintaining high performance and enhancing recyclability, in line with our ambition to produce 30% circular polymers by 2030" said **Olivier Greiner, Vice President, Polymers Europe & Orient at TotalEnergies.**



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About TotalEnergies and Polymers

TotalEnergies develops, produces and commercializes polymers — polyethylene, polypropylene, polystyrene, their recycled equivalents and biopolymers — that can be incorporated in the plastics manufacturing process. Lighter than many alternative materials, they help reduce the carbon footprint of end-use applications through enhanced energy efficiency. TotalEnergies' polymers experts in Europe, Asia and the United States of America are working alongside all the professionals in the value chain, including plastic manufacturers, research centers, waste collection and sorting companies, and their customers to accelerate in the circular economy. The Company is developing different plastic recycling processes and using renewable raw materials, with the ambition to commercialize 30% circular polymers by 2030.

About TotalEnergies

TotalEnergies is a global multi-energy company that produces and markets energies: oil and biofuels, natural gas and green gases, renewables and electricity. Our more than 100,000 employees are committed to energy that is ever more affordable, cleaner, more reliable and accessible to as many people as possible. Active in more than 130 countries, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people.

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This press release and associated photographs can be downloaded from www.polymers.totalenergies.com and www.PressReleaseFinder.com.