

Factsheet

Virtual TechTalk Tires on Sustainability and E-Mobility

I. Speaker Info and Quotes



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II. Quick facts: ContiRe.Tex-Technology

Continental is the first tire manufacturer to immediately launch recycled polyester yarn which is obtained from PET plastic bottles in a new process into its volume production. The new high-performance material is used in selected sizes for Continental's PremiumContact 6 and EcoContact 6 summer tires and the AllSeasonContact tire. This completely replaces the conventional polyester in the carcass of the selected tires. A set of standard passenger car tires uses the material from around 40 recycled PET bottles.

In September 2021, Continental unveiled the inhouse ContiRe.Tex technology for the first time. It uses polyester yarn, which is obtained from used PET bottles without any intermediate chemical steps and not recycled in any other way. This makes the technology much more efficient than other standard methods for processing PET bottles into high-performance polyester yarns. The bottles used for the technology come exclusively from regions without a closed recycling loop. As part of a special recycling process, the bottles are sorted and mechanically cleaned, after the caps are removed. After mechanical shredding, the PET is further processed into granulate and finally spun polyester yarn.

III. Further Links

- › Sustainable. Lightweight. Efficient. World premiere of Continental's tire concept Conti GreenConcept at IAA: <https://www.continental-tires.com/car/about-us/media-services/archive/archive-2021/2021-09-06-tires-greenconcept>
- › 100 Days Until the Start of the Tour: Continental Equips Support Vehicles With ContiRe.Tex Technology: <https://www.continental-tires.com/car/about-us/media-services/newsroom/2022-03-23-contire-tex-tour-de-france>
- › Enhanced For Sustainable Top Performance: The New CrossContact Extreme E From Continental: <https://www.continental-tires.com/car/about-us/media-services/newsroom/2022-02-14-crosscontact-extrem-e>
- › Continental Launches First Tires with Polyester Made from Recycled PET Bottles: <https://www.continental-tires.com/car/about-us/media-services/newsroom/2022-04-05-contire-tex>
- › Continental is "Tire Manufacturer of the Year" 2022: <https://www.continental-tires.com/car/about-us/media-services/newsroom/2022-05-20-tire-manufacturer-of-the-year>
- › Using Recycled Materials In the Design, Development and Production of Premium Tires: <https://www.continental-tires.com/car/stories/technology-and-innovation/contire-tex-eco-friendly-tires-from-pet-yarn>