

SABIC Specialties SBU's innovative portfolio of sustainable solutions

Our circular ambition is driven by the growing industry desire for sustainable solutions and fueled by our vision to compound the answer. As part of our commitment to carbon neutrality, SABIC supports the UN sustainable development goals for climate action, life below water and partnerships (United Nations SDG's). Within the SABIC LNP™ compounds product line, we focus on a developing and expanding a Specialty material portfolio with reduced carbon footprint and application development for longer life and enhanced recyclability. One example is our ambition to divert 10 billion PET single-use bottles in 10 years to new Specialty products via our upcycle iQ PBT technology.

Here we will present our ongoing efforts on 1) ELCRIN™ iQ PBT and PC/PBT compounds , where using chemically upcycling consumer-discarded PET is converted into higher-value PBT materials to help reduce plastic waste and make PBT materials that are potentially more desirable for durable applications, 2) Solutions based on mechanically recycled resins and fillers; 3) Bio-based PC, PC Copolymer and ULTEM™ Polyetherimide resins and second generation sources of cracker feedstock and 4) sustainable design to improve recyclability, durability and reuse.