

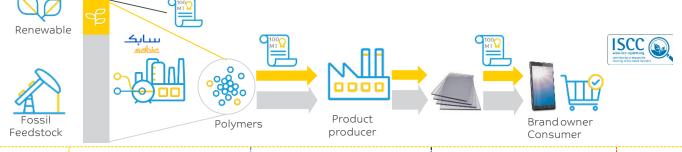
**SUSTAINABLE** 

**DESIGN** 

### LNP™ SOLUTIONS FOR THE CIRCULAR ECONOMY

The LNP sustainability ambition is driven by the growing industry desire for sustainable solutions and fueled by our vision to compound the answer.





During the mechanical recycling process, post-consumer recycled (PCR) debris are washed, melted and transformed into raw material for the following commercial compounds:





THERMOCOMP™ & THERMOTUF™ compounds

- Between 30 to 50% PC **PCR**
- Non-halogenated Flame Retardant
- High stiffness with 10-50% (Special) Glass Fiber
- V-0 @ 1-0.6mm

# **IMPACT & FLOW**

LNP EXL compounds

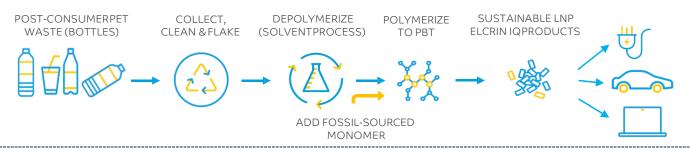
- Between 21 to 80% PC PCR
- Non-halogenated Flame Retardant
- Low temperature Impact
- V-0 @ 1.5mm

# **IMPACT & FLOW**

LNP PC/ABS CX compounds

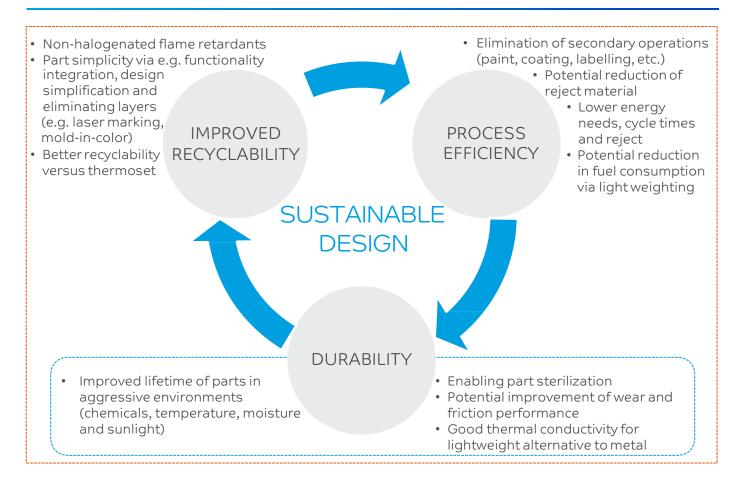
- Between 30 to 50% PC PCR
- Non-halogenated Flame Retardant
- Excellentprocessability with good impact
- V-0 @ 1.5-0.6mm

The ELCRIN<sup>TM</sup> iQ portfolio is based on upcycled iQ PBT resins, a SABIC patented technology that uses chemical de-polymerization to process recycled PET plastics into polybutylene terephthalate (PBT):

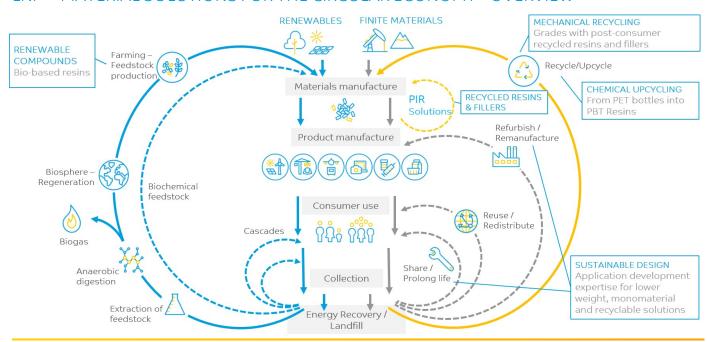




## LNP™ SOLUTIONS FOR THE CIRCULAR ECONOMY



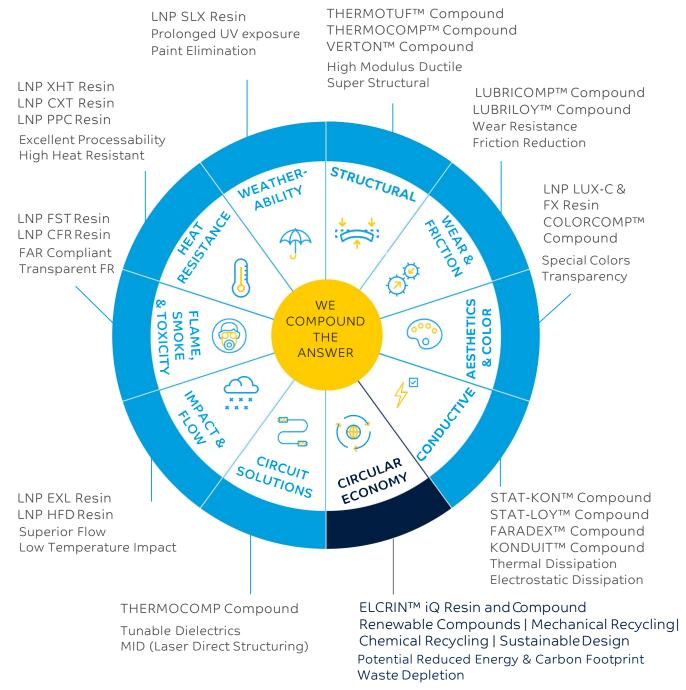
#### LNPTM MATERIAL SOLUTIONS FOR THE CIRCULAR ECONOMY - OVERVIEW





### LNPTM COMPOUNDS & COPOLYMER RESINS

Over 70 years of innovation in thermoplastic compounding enables SABIC's specialty compounds to offer extensive materials with a broad portfolio.



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