



ReNew Series

ISCC PLUS CERTIFIED RENEWABLE SOLUTIONS FOR CIRCULAR ECONOMY

FAST TRACK TO A CIRCULAR ECONOMY

The newly launched CirKular⁺™ ReNew Series represents ISCC PLUS certified renewable styrenic block copolymers that expand Kraton's existing suite of CirKular⁺ solutions designed to enable upcycling and advancing the circular economy.

CirKular⁺ Renew offers a drop-in solution to reduce the carbon footprint of conventional TPE-S formulations across various applications. This innovative, sustainable solution is ideal for consumer durable, automotive, and adhesive applications. ReNew Series is expected to help compounders, formulators, and brand owners reduce fossil-based materials, lower their carbon footprint, and incorporate certified renewable feedstock into their products.

CIRKULAR+ RENEW APPLICATIONS INCLUDE:

- ▶ Soft Touch Compounds in Consumer Products
- ▶ 2K Overmolding for Polyolefins
- ▶ Automotive Interior and Exterior
- ▶ Adhesives
- ▶ Medical Tubing & Films
- ▶ Elastic Films
- ▶ Silicone Replacement

With up to 100% certified renewable content, the series offers customers the opportunity to use the mass balance approach and adopt ISCC PLUS certification to produce renewable products without compromising performance or quality.



- Can enable average 85% Carbon Footprint Reduction* with ISCC PLUS certified SBCs
- ISCC PLUS Certified Renewable Content % in Your Formulation
- Matching Existing Certificates for Equivalent Kraton SBC Grade
- Quality Assurance with Identical Product Specs. for Equivalent Kraton SBC Grade
- Drop-In Substitution for Conventional SBC Based Design

*In comparison to conventional SBCs manufactured at certified Kraton sites. Site specific PCF can be provided upon request. All relevant life cycle stages of the end-product must be considered to identify the overall life cycle impact along the value chain



KEY END USE BENEFITS:

- ▶ Enhanced Durability & Strength
- ▶ Excellent UV, Thermal & Color Stability
- ▶ Increased End Product Stretchability & Haptics
- ▶ Low Compression Set
- ▶ Plastic Product Recyclability & Circular Economy
- ▶ Formulation Efficiency

KEY PRODUCT FEATURES:

- ▶ High Impact Strength and Elasticity
- ▶ Highly Dilutive
- ▶ Excellent Compatibility With Polyolefins & Mineral Oils
- ▶ Recyclability
- ▶ FDA & USP VI Compliance

Kraton CirKular+ solutions are engineered to address industry challenges to enhance sustainability and circular economy. CirKular+ product line is comprised of Compatibilization Series, Performance Enhancement Series and ReNew Series. By enabling a holistic approach to product life cycle, CirKular+ additives can improve product design recyclability, maximize recycled content, enhance PCR performance, increase renewable content and lower carbon footprint in many end-use applications.



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