

CSI Introduces a New **Biodegradable** Innovation

GENESITM
Genesi Biodegradable, Sustainable



High Gloss, Scratch Resistant, Elegant, Stable, Recyclable

Earth Friendly, Sustainable Plastics, Made by Nature

CSI is committed to the environment and the sustainability of our planet. We are offering a wide range of biodegradable and compostable materials for use in the personal care industry.

Features & Benefits

- FKuR* based in Germany is a leading provider to CSI of innovative biodegradable and compostable resins
- Materials are especially designed for injection molding
- High gloss, scratch resistant and elegant coloring as demanded by the personal care industry
- Materials are stable and chemical resistant
- Materials designed as a biodegradable alternative to PS and have similar technical characteristics
- Grades of materials are registered and certified as compostable and/or biodegradable
- Materials contain no harmful substances
- Biodegradable materials can be recycled in-plant at a rate of 20%

*FKuR based in Germany is a leading producer of biopolymer resins/blends for flexible packaging (Bio-Flex®) and rigid applications (Biograde®). The cooperation with the Fraunhofer Institute UMSICHT, Oberhausen, Germany, guarantees our innovation, know-how and quality.

Specifications Provided on Reverse Side

Decoration Options

- Our personal care products are manufactured utilizing sustainable materials and can be custom colored with bio-based master batches. Solvent or non-solvent inks can be used for graphics and design.

To place an order or get more information, please contact your CSI Sales and Customer Service Representative:

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Specifications

- CSI biodegradable materials are easy to process blends composed of mainly natural resources.
- Blends are based on renewable raw material sources
- Materials have been especially designed for injection molding applications.
- The materials are mainly composed of natural resource materials (wood from sustainable forestry)
- They do not contain starch or starch derivatives.
- Possess excellent heat resistance - up to 115 °C
- Injection moldable on conventional injection molding equipment
- Properties comparable to polystyrene: rigid and transparent depending on grade
- Biodegradability certified by independent organizations.

Product	Description
2 oz Single-wall	Currently developing biodegradable replacement for global brand
2 oz Double-wall	Manufactured double wall jars samples for personal care industry
53mm Cap	Manufactured cap for double wall jar

CSI is working with a number of brands to produce various sustainable jars for the cosmetic and personal care industry. CSI works with domestic and international world class tool-makers to ensure the highest quality products delivered on time at the best possible price.