



Green Dot Holdings LLC

Foundation

- 2011

Key products

- Terratek® Flex biodegradable elastomers
- Terratek® WC wood-plastic composites
- Terratek® SC starch-composites
- Terratek® BD biodegradable composites



helping consumers contribute to a more sustainable world

Company

Green Dot is a full-scale manufacturer of bioplastics and biocomposites, with a unique capacity to quickly and efficiently move from lab scale production volumes to commercial scale quantities. The company offers a wide range of materials to meet our customers' specific sustainability goals, whether they are increasing renewable content, using reclaimed or recycled materials, or using biodegradable or compostable materials. Green Dot serves the plastic industry and OEM's seeking to meet the growing demand for more sustainable products without sacrificing cost or performance.

The company's extensive knowledge of raw material feedstocks, performance expectations and rapid commercial scale-up are what our customers value.

Products

Terratek bioplastics combine environmental benefits and uncompromising quality to provide highly functional, cost competitive alternatives to traditional thermoplastics. Our broad range of biobased and biodegradable plastics are designed to lessen the environmental impact of the products we use everyday.

Terratek® SC starch biocomposites provide effective solutions to meet growing consumer demand for biobased goods. The Terratek SC line is made from up to 65 percent renewable material. The material is suitable for injection molding and extrusion using standard processing machinery. A wide range of properties can be achieved by altering the starch-to-plastic ration and by the inclusion or admission of other additives. This allows for customized formulations to meet many specific needs and applications based on customer requirements. The Terratek SC 50 and SC65 formulations have been certified as biobased by the United States Department of Agriculture's (USDA's) BioPreferred Program.

Terratek® WC wood-plastic composites can be made from reclaimed wood fibers and either virgin, recycled or biodegradable plastic. The small, uniform pellets are optimized for injection molding and extrusion applications. Terratek WC composites combine the manufacturing possibilities of plastics with the aesthetics and durability of wood. These customizable composite materials are easy to work with, durable and can be made to achieve a variety of looks and feels.



Product Development Laboratory



Biodegradable synthetic leather made with Terratek® Flex



Terratek® WC pellets are small and uniform in size, ideal for injection molding or extrusion



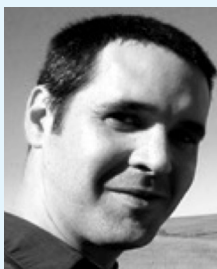
Green Dot

Contact

Green Dot

106 S. Main St. Ottawa, KS
66067
USA
GreenDotPure.com

Contact person



Kevin Ireland

Communications Manager
Phone: 1-620-273-8919
@:
kevin@greendotholdings.com

Terratek® BD biodegradable composites can help decrease landfill volumes and reduce greenhouse gas emissions. They are ideal for single use disposable products. The materials offer superior heat performance compared to other biodegradable polymers. Terratek BD bioplastics possess strength and a rare combination of rigidity and pliability and can be formulated for injection molding or extrusion.

Terratek® Flex GDH-B1 is verified to meet ASTM D6400-04 standards for compostability in an industrial composting environment and has been found to biodegrade in a home composting environment as well. Strong, durable and pliable, with an exquisite soft touch, the rubber-like material is ideal for toys, electronics cases, accessories and industrial or agricultural applications where strength and compostability provide a functional advantage. Terratek Flex GDH-B1 has been tested by NSF International and is verified to meet child safety standards in the U.S., Canada, Europe, Australia and New Zealand. It is suitable for most plastics processes, including injection molding, profile extrusion, extruded sheet, thermoforming and blow molding. It can be used on existing equipment without modification.

Terratek® Flex



compostable

Terratek® BD



renewable



Terratek® SC

Terratek® WC