The Advantages of Terratek WC Wood-Plastic Composites

Make more sustainable products with Terratek® wood composite

The size and inconsistency of most wood-plastic pellets present challenges for molders and manufacturers. Green Dot's new optimized pellets provide better processing and superior parts.

The Aesthetics of Wood & The Processability of Plastic

Terratek WC wood-plastic composites (WPC) combine the pleasing look of wood with the functionality and manufacturing ease of plastics. The wood-plastic composites are made with fine wood particles and virgin, reclaimed or recycled plastic to create small, uniform pellets for convenient handling and further processing.

Better Processing

Terratek WC pellets are smaller, spherical and more uniform in size with greater material consistency. This allows for easier drying and feeding. Smoother edges allow for easier conveying and create fewer fines for less waste in production.

More Sustainable

Terratek WC wood-plastic composites lower the environmental footprint of products by reusing materials that would otherwise be discarded, reducing landfill waste and creating valuable markets for recycled and reused materials.

Customized Formulations

Green Dot's state-of-the-art Product Development Lab can customize formulations to meet specific customer requirements. Pellet size can be optimized for the intended application and can be made with a variety of wood sources and mesh sizes.

A Wide Variety of Applications

Terratek WC is ideal for injection molding and profile or sheet extrusion and can be used to make a wide range of products, such as toys, furniture, and housewares. Now, OEMs and molders can use Green Dot's wood-plastic composites to make high-quality, durable products that are more sustainable and offer functional and aesthetic advantages over traditional petroleum-based plastics.

Want to learn more about creating sustainable plastics with a wood composite? Request a consultation with one of our sustainability experts today or download our whitepaper, Creating Sustainable Plastics Without Sacrificing Quality or Cost.



Working with wood-plastic composites

Why plastics manufacturers have nothing to fear by switching to a wood-plastic composite alternative material

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527 Commercial Suite 310 Emporia, KS 66801
620–273-8919