

CUTTING EDGE EQUIPMENT

Explore how polymer formulations elevate the aesthetics, durability, and performance of lawn equipment to meet consumer demands and keep your brand ahead of the competition.

TACTILE EXPERIENCE

Soft-Touch Feel, Durable, Wet Grip Performance, Color Customization, UV Stability, Ergonomic Design, Overmolding

SOLUTION: Thermoplastic Elastomers

POSSIBILITIES: Steering Wheel

SENSORY EXPERIENCE

Wear Resistance, Noise Reduction, Low Friction

SOLUTION: Internally Lubricated Formulations, Thermoplastic Elastomers

POSSIBILITIES: Gears, Gaskets, Hood Dampers, Seat Slider

STRUCTURAL INTEGRITY

High Stiffness-to-Weight Ratio, Metal Replacement, Part Consolidation

SOLUTION: Long Fiber Reinforced Composites

POSSIBILITIES: Seat Base, Brake Pedal, Frame, Floor Pan, Controls

AESTHETIC APPEAL

Custom Color, Special Effects, Paint Replacement, Corrosion Resistance, UV Stability

SOLUTION: Custom Polymer Colorants, Pre-Colored High-Gloss Thermoplastics

POSSIBILITIES: Body Panels, Pedals, Control Grips, Bezels, Brand Elements

EXTREME PERFORMANCE

Chemical & Fire Resistance, Extreme Temperature Performance, Thermal Management

SOLUTION: Engineered Nylon Formulations, Flame Retardant Polyolefin Formulations, Engineered Polyketone Formulations, Thermally Conductive Formulations

POSSIBILITIES: Under-the-Hood Applications, Electrical Connectors, Battery Assembly Housings

THERMAL MANAGEMENT

Heat Dissipation, Flexible Design

SOLUTION: Thermally Conductive Formulations

POSSIBILITIES: LED Lights, Heat Sinks