

# 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, Combination Colorant and Additive Formulations, Fabric-Effect Colorants and Additives

**POSSIBILITIES:** Steering Wheel, Switches, Knobs

## SENSORY EXPERIENCE

Wear Resistance, Noise Reduction, Low Friction

**SOLUTION:** Internally Lubricated Formulations, Thermoplastic Elastomers, Scratch and Mar Resistant Additives

**POSSIBILITIES:** Gears, Gaskets, Hood Dampers, Seating Systems

## 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 Pre-Colored Formulations, Pre-Colored High-Gloss Thermoplastics, Solid Color Masterbatches

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

## EXTREME PERFORMANCE

Chemical & Fire Resistance, Extreme Temperature Performance, Thermal Management, Lightweighting

**SOLUTION:** Engineered Nylon Formulations, Flame Retardant Polyolefin Formulations, Engineered Polyketone Formulations, Thermally Conductive Formulations, Chemical Foaming Agents

**POSSIBILITIES:** Under-the-Hood Applications, Electrical Connectors, Battery Assembly Housings, Exterior Trim and Equipment

## THERMAL MANAGEMENT

Heat Dissipation, Flexible Design

**SOLUTION:** Thermally Conductive Formulations

**POSSIBILITIES:** LED Lights, Heat Sinks