

# ENGINEERED FOR THE **EXTREME**

Blaze trails with snowmobiles and accessories as tough as the terrain they face. Discover our range of lightweight, durable, and innovative material solutions for your next-gen products that deliver peak performance, mile after frozen mile.

## TACTILE EXPERIENCE

Soft Touch Feel, Durable Performance,  
Lower Thermal Conductivity than Metals

**SOLUTION:** Thermoplastic Elastomers (TPEs),  
Long Fiber Reinforced Composites

## AESTHETIC APPEAL

Custom Color and Special Effects, Paint Replacement,  
Color Fade Protection

**SOLUTION:** Custom Polymer Colorants,  
UV Blocking Additives, Antioxidant Additives,  
Molded-In-Color Metallics, Scratch and Mar Performance,  
Laser Marking, Pre-Colored High-Gloss Thermoplastics

## COLD TEMPERATURE PERFORMANCE

Cold Temperature Flexibility and Toughness

**SOLUTION:** Thermoplastic Elastomers (TPEs),  
Long Fiber Reinforced Composites, Impact Modifiers

## THERMAL MANAGEMENT & SAFETY

Heat Dissipation, Design Flexibility, Flame Retardancy

**SOLUTION:** Thermally Conductive Formulations,  
Flame Retardant Additives

## EXTENDED PERFORMANCE

Minimize Moisture Uptake from Melted Snow

**SOLUTION:** Moisture-Resistant Long Fiber Reinforced Composites,  
Corrosion-Resistant Additives

## HIGH IMPACT DURABILITY

High Strength-To-Weight Ratio,  
Elevated and Low Temperature Performance

**SOLUTION:** Long Carbon Fiber Reinforced Composites,  
Continuous Fiber Reinforced Thermoplastic Tape & Laminates

## WEIGHT REDUCTION

40–50% Lightweighting Compared to Metal,  
Exceptional Structural Properties, Extremely High Stiffness  
and Strength from -40° to 160°F

**SOLUTION:** Long Carbon Fiber Reinforced Composites,  
Chemical Foaming Agents

For more on material solutions  
for snowmobiles, visit [avient.com](https://www.avient.com)

