

# TAKE THEM TO THE EDGE OF ADVENTURE

For enthusiasts, the ride out to the edge is a vital part of the overall outdoor experience. Gear up your customer for the ultimate experience using engineered polymers that perform.

## DURABILITY

High Impact Strength, Weatherability  
**SOLUTION:** PP, HDPE, ASA,  
Nylon Engineered Formulations

## AESTHETIC APPEAL

Custom Color & Special Effects, Paint Replacement  
**SOLUTION:** Custom Polymer Colorants,  
Pre-Colored High-Gloss Thermoplastics

## THERMAL MANAGEMENT

LED Heat Sinks, Design Flexibility  
**SOLUTION:** Thermally Conductive  
Formulations

## TACTILE EXPERIENCE

Soft-Touch Feel, Durability  
**SOLUTION:** Thermoplastic  
Elastomers (TPEs)

## STRUCTURAL PERFORMANCE

Corrosion Resistance,  
Lightweighting  
**SOLUTION:** Long Fiber Reinforced  
Composites, Nylon Engineered  
Formulations, Continuous Fiber  
Composite Tapes & Laminates,  
Chemical Foaming Additives

## SURFACE PROTECTION

Performance Enhancements  
**SOLUTION:** Scratch & Mar  
Resistance, UV Stable  
Additives, Anti-Static  
Additives

## EXTREME PERFORMANCE

Chemical & Fire Resistance,  
High Temperature Performance  
**SOLUTION:** Nylon Engineered  
Formulations, Long Fiber Reinforced  
Composites, Continuous Fiber  
Composite Tapes & Laminates, Flame  
Retardant Polyolefin Formulations

## STRUCTURAL INTEGRITY

High Stiffness-to-Weight Ratio,  
Metal Replacement  
**SOLUTION:** Pultruded Rods,  
Tubes & Custom Profiles, Long  
Fiber Reinforced Composites

## STRENGTH & STABILITY

Excellent Dimensional Stability,  
High Stiffness, Impact Resistance  
**SOLUTION:** Short & Long Fiber  
Formulations, Continuous Fiber  
Composite Tapes & Laminates

## SENSORY EXPERIENCE

Vibration Damping, Durability, Customization,  
Custom Color, Low Friction  
**SOLUTION:** Thermoplastic Elastomers (TPEs),  
Custom Polymer Colorants, Internally Lubricated  
Formulations, Advanced Composite Springs

## METAL REPLACEMENT

Lightweighting, Heat Management, Load Carrying Capability  
**SOLUTION:** Long Fiber Reinforced Composites, Continuous Fiber  
Composite Tapes & Laminates

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

