



» APPLICATION BULLETIN

# IMAGINE THE POSSIBILITIES OFF ROAD

Your customers expect performance and durability from your off-road vehicles. What if you could give them game-changing innovation too? We understand that exhilarating your customers' experience is what sets you apart from the competition.

***We can help you get there!***

From hunters and fishing enthusiasts to farmers, backwoods campers, and UTV riders, your customers depend on you for designs that take them where they want to be.

Whether you're looking to boost impact resistance, amp up aesthetics, inject comfort, or revolutionize a standard design with your latest cutting-edge idea, we can help. You'll get design support, manufacturing and technical guidance, and polymer recommendations that enhance your profitability and thrill your customers as they travel off road.



# 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, PE, HDPE, TPO, 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),  
Thermoplastic Copolyester  
Elastomer (TPC-ET)

## 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 and Low 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

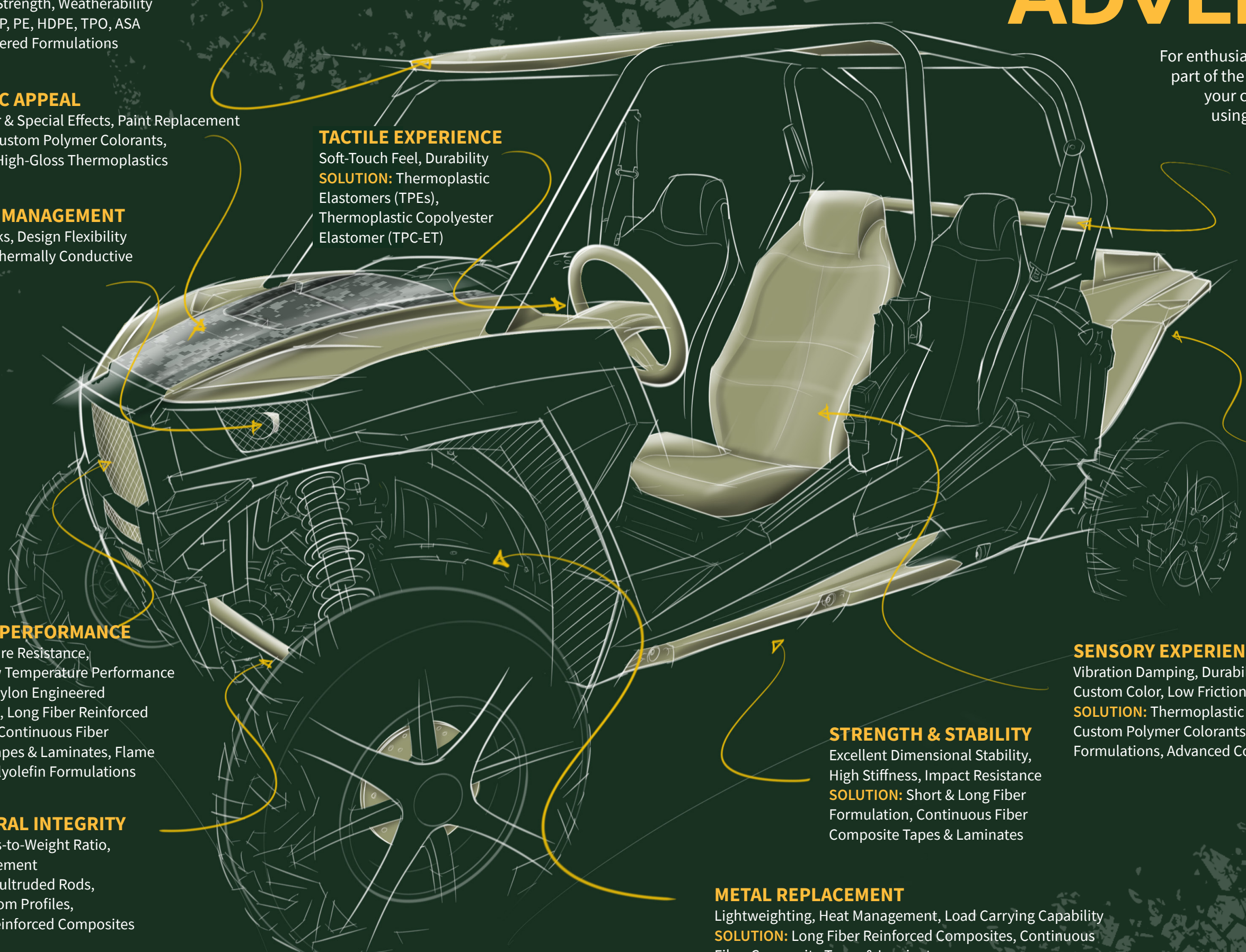
Excellent Dimensional Stability,  
High Stiffness, Impact Resistance  
**SOLUTION:** Short & Long Fiber  
Formulation, Continuous Fiber  
Composite Tapes & Laminates

## METAL REPLACEMENT

Lightweighting, Heat Management, Load Carrying Capability  
**SOLUTION:** Long Fiber Reinforced Composites, 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





# A COLLABORATION THAT BRINGS STYLE & GRIT

To all thrill seekers, fans and enthusiasts, your brand says, “Bring it!” Our advanced materials, technical expertise and design support can help you create a powerful, ergonomic machine that opens up new paths to off-road nirvana. Those who live on the edge are ready for innovation. Let’s not keep them waiting.



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