KEY REQUIREMENTS

• Consolidate parts to reduce assembly time and lower manufacturing costs
• Maintain performance while replacing metal seat pan with lightweight composite material

OFF-ROAD VEHICLE MANUFACTURER
SEAT PAN

AVIENT SOLUTION

Complēt™ Long Glass Fiber Nylon Composite

WHY AVIENT?

• Aided consolidation of multiple metal parts and fasteners into a single injection molded component, lowering costs $100k year
• Saved time and money using FEA validation to confirm real-world performance before building tooling
• Created full-size 3D printed prototypes to test fit and function

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