

METAL REPLACEMENT + COST SAVINGS

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

LEARN MORE

KEY REQUIREMENTS

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