

LIGHTWEIGHTING

AUTOMOTIVE OEM

SUV REMOVABLE ROOF
PANEL LOCKING BRACKET

AVIENT SOLUTION

Complēt™ Long Carbon Fiber PPA Composite

WHY AVIENT?

- Lowered weight by over four pounds per vehicle to achieve 80% reduction with carbon fiber reinforced composite
- Provided injection molded material solution to simplify fabrication and eliminate need for powder-coating finish

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KEY REQUIREMENTS

- Lower weight by replacing cast steel
- High stiffness & strength requirements to mimic metal performance
- Critical dimensional tolerances to safely secure removable roof panels