

LIGHTWEIGHTING

TIER 1 SUPPLIER

STEERING COLUMN
BRACKET & LEVER

AVIENT SOLUTION

Complēt™ Long Carbon Fiber Nylon Composite

WHY AVIENT?

- Achieved 50% weight reduction with metal to composite conversion
- Provided structural design & fiber orientation consultations along with CAE analysis to predict performance met requirements
- Shortened manufacturing lead time by supplying injection molded material solution

LEARN MORE

KEY REQUIREMENTS

- Automotive OEM lightweighting initiative
- Trial alternative materials to replace aluminum support bracket and overmolded steel adjustment lever
- Up to 5,200 Newton load requirements with minimal deflection allowance
- High stiffness & strength to function similar to metal