

METAL REPLACEMENT + WEIGHT REDUCTION

PERFORMANCE CYCLING OEM

TRAIL BICYCLE SUSPENSION LINK

AVIENT SOLUTION

Complēt™ Long Carbon Fiber ETPU
Composite

WHY AVIENT?

- Replaced aluminum to reduce weight 33%
- Optimized design for metal-to-thermoplastic conversion
- Conducted FEA performance analysis to confirm composite met specifications

LEARN MORE

KEY REQUIREMENTS

- Weight reduction to reduce cyclist fatigue
- Structural strength and toughness capability
- Endure repeated piston actions during use