

**STRENGTH + PART CONSOLIDATION**

# AFTERMARKET PARTS MANUFACTURER

## SIDE STEP

### AVIENT SOLUTION

Complēt™ Long Fiber Reinforced Structural Thermoplastics

### WHY AVIENT

- Offered long fiber thermoplastic (LFT) with 3x the strength of the incumbent short fiber material without a need for retooling
- Resolved major disadvantage of moisture uptake with a moisture-resistant PA66 LFT formulation
- Facilitated part consolidation and design freedom
- Modeled performance of long glass fiber design with advanced testing capabilities (FEA, moldflow, burnoff)

### LEARN MORE

### KEY REQUIREMENTS

- High strength
- Low moisture absorbance, reduced warpage
- Pleasing cosmetic finish
- Strong flexural modulus