



FATIGUE RESISTANCE + PART CONSOLIDATION

LEADING OFFICE FURNITURE OEM TASK CHAIR

AVIENT SOLUTION

Complēt™ Long Glass Fiber PA66 Composite
and Overmolded Unidirectional Tape Inserts

WHY AVIENT?

- Enabled novel design by combining long glass fiber and unidirectional tape to meet performance and mass market cost targets
- Formulated custom nylon material to provide smooth, fiber-free surface finish
- Provided technical support during two-year product development cycle

LEARN MORE

KEY REQUIREMENTS

- Stiff yet extremely tough all-composite solution
- Reduce part count by replacing mechanical tilt controls
- Cost-effective material
- Exceptional fatigue endurance to withstand million cycle deflection test