

**LIGHTWEIGHTING**

# AEROSPACE INTERIORS OEM

SEAT SPACER & ARMREST

## AVIENT SOLUTION

Complēt™ Long Carbon Fiber PES  
Composite

## WHY AVIENT?

- Achieved 40% weight reduction generating \$16,000 per year reduction in fuel costs
- Optimized component designs for long fiber material and conducted FEA validation
- Performed prototype molding and testing for load and impact specifications to expedite development

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## KEY REQUIREMENTS

- Weight reduction to increase airliner fuel economy
- Meet FAA safety requirements for FST compliance and 16G kinetic survivability
- Agility to delivery solution within 8-month compressed product development timeline