KEY REQUIREMENTS

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

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

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