

METAL REPLACEMENT

AFTERMARKET PARTS MANUFACTURER

MOTOR MOUNT

AVIENT SOLUTION

Complēt™ Long Fiber Reinforced Structural Thermoplastics

WHY AVIENT?

- Facilitated lightweighting with a long glass fiber PA66 composite that matched the performance of the incumbent metal part
- Met strength and corrosion requirements while achieving cost savings and reduced processing steps versus a die cast aluminum part
- Relieved performance fears with mold flow analysis and hands-on technology support
- Sampled quickly to accelerate speed to market

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KEY REQUIREMENTS

- Reduced part weight with retained performance
- High strength
- Corrosion resistance
- Fatigue resistance