



KEY REQUIREMENTS

- Replace aluminium to reduce part cost and weight
- Maintain similar thermal transition to current material
- Simplify manufacturing

THERMAL CONDUCTIVITY + LIGHTWEIGHT

ELAUSA ELECTRONICS

VEHICLE LIGHT HEAT SINK

AVIENT SOLUTION

Therma-Tech™ Thermally Conductive Formulations

WHY AVIENT?

- Reduced part weight from 38g to 9g
- Provided the required thermal efficiency through part re-design and material choice
- Enabled upfront simulation data through Avient Design reducing risk of metal replacement
- Simplified manufacture process to a single injection molding step

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