

STRENGTH + UV RESISTANCE

LIGHTING MANUFACTURER STREET LIGHT ARM

AVIENT SOLUTION

OnForce™ Long Glass Fiber Reinforced Polypropylene Composites

WHY AVIENT?

- Utilized simulation services from Avient Design to optimize the product's design for performance and processability
- Achieved required ageing test with the support from R&D and ADTS
- Replaced the need to use a metal insert, reducing part weight, cost and simplifying the production process

LEARN MORE

KEY REQUIREMENTS

- Limit corrosion
- Replace metal insert, maintaining strength
- Black color
- UV resistance, as used for an outdoor application
- Electrical isolation