

# Air ventilation

## Akulon® Ultraflow K-FG0

Automotive : Air / turbo / exhaust

### Description

Akulon PA6 for greater design freedom and part reliability

Akulon PA6 has a higher peak temperature resistance than polypropylene, providing a higher margin of safety and more design freedom. Compared to polyamide 66, Akulon PA6 offers better long-term temperature resistance and thus a higher level of long-term reliability and safety. With Akulon PA6, lower system costs can be realised from its easier processability (lower energy costs) and better surface appearance (lower painting costs).



Akulon **Ultraflow** allows high stiffness parts to be manufactured with the ease associated with normal PA6 resins. In replacing PPS in this part, Akulon **Ultraflow** provided the required mechanical stiffness and strength at high temperature, while giving easier processing and a better surface finish than with the original material. Faster cycling and lower tool maintenance allowed for manufacturing costs to be reduced.

### Processing Technology

Injection Molding

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