



SOLUTION SHOWCASE

Air Filter Housings

The harsh conditions under the hood of a vehicle cause many materials to age rapidly. To protect air management parts efficiently car manufacturers need to select materials carefully. Depending on the location housing parts meet often several requirements like thermal or mechanical protection for life time performance

CELANESE SOLUTION AND CUSTOMER VALUE

- Low warpage
- Meet under-the-hood operating condition requirements
- Good surface quality
- Good heat aging resistance 120-130°C

CELANESE DIFFERENTIATING CAPABILITIES

By using Celanyl® PA as well as Ecomid® PA recycled grades from Celanese for air filter housings mandatory specifications could be achieved.

- Good heat aging resistance 120-130°C
- Good aesthetics
- Durability over life time

TARGET APPLICATIONS

- Parts in the engine compartment
- Engine style covers
- Air management parts





PRODUCT FEATURES

ECOMID® PA AND CELANYL® PA

- **Celanyl® PA B3 HH SGF1809 BK 9005/2** – Heat stabilized PA6 with 20% mineral filled and 10% glass fiber.



DELIVERING VALUE FOR OEM AND SUPPLIER

Celanese delivers technical expertise and lab capabilities to enable customer success.

- Application Engineering Expertise and Testing
- Field Technical Services-Processing Support
- Prototyping
- Project Management
- Computer Aided Engineering Analysis, Part & Tool Design Support



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