



SOLUTION SHOWCASE

Gear Shift Assembly

Like almost everywhere else in automotive construction, the demands on materials used for transmission systems are also increasing. Gearshift systems must combine high functional reliability, maximum operational comfort & excellent haptic. At the same time weight and cost must be right along with noise - while comfort and convenience, on the other hand, must be improved.

CELANESE SOLUTION AND CUSTOMER VALUE

- Cost effectiveness
- Excellent lot-to-lot consistency
- High stiffness and resistance to creep
- Low emissions

CELANESE DIFFERENTIATING CAPABILITIES

By using PA66 recycled grades from Celanese for gear shift assembly mandatory specifications could be achieved.

- High stiffness and strength
- Acoustic properties
- Lightweight

TARGET APPLICATIONS

- Parts with high stiffness requirements



PRODUCT FEATURES

ECOMID® PA66 ARX

- **Ecomid® PA66 ARX H GF30 BK 9005/L** heat stabilized - enables fulfilling necessary requirements with a PA66 from airbag waste stream.
- **Ecomid® PA66 ARX** is part of a broad portfolio of recycled polyamide compounds.
- **Ecomid® PA66 ARX** compounds contain high-quality, recycled polyamide fibers and textiles and offer an environmentally-friendly alternative to standard grades.



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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