



SOLUTION SHOWCASE

Acoustic Baffle for NVH Car Body Cavity Sealing

The level of noise and noticeable vibrations have a major influence on the sense of wellbeing in a vehicle, resp. rating of quality. Automakers are searching for product solutions to reduce Noise Vibration Harshness (NVH) levels in consideration of weight reduction.

CELANESE SOLUTION AND CUSTOMER VALUE

- Given the sourcing and manufacturing process these compounds provide excellent lot-to-lot consistency
- Very good processability
- Reliable material solution with good life-time performance

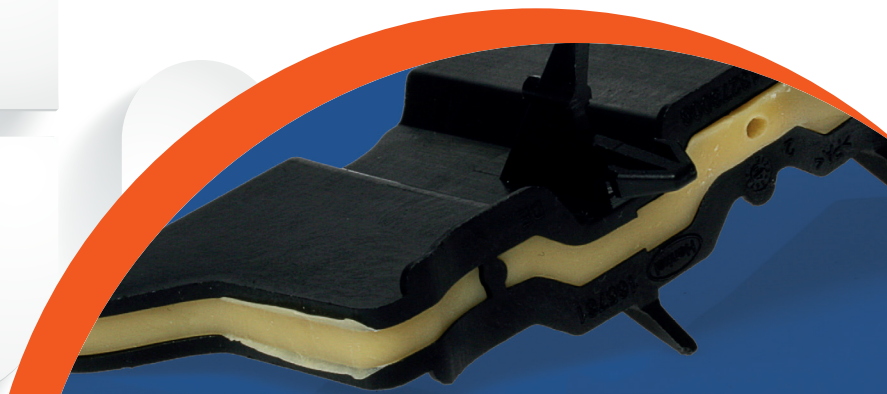
CELANESE DIFFERENTIATING CAPABILITIES

By sealing the vehicle body cavities, common noise transmission paths are efficiently blocked. Such acoustic systems utilize pre-shaped, molded 2 component parts within the car body structure.

- Adhesion to expandable second material component
- High heat distortion temperature
- Easy demolding
- Low shrinkage

TARGET APPLICATIONS

- Acoustic baffles
- Various parts to reduce NVH
- Parts for structural reinforcement



PRODUCT FEATURES

ECOMID® PA66 ARX

- **Ecomid® PA66 ARX N BK 9011/C** enables fulfilling necessary requirements with a PA66 from airbag waste stream.
- **Ecomid® PA66 ARX** is part of a broad portfolio of recycled nylon 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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