



## High Dampening Solutions PA 6 & 66

Materials with internal damping properties are essential as it helps to reduce undesirable vibrations, noise, and resonance significantly in engineering applications.

Therefore, NVH (Noise, Vibration, and Harshness) performance improvements particularly in automotive solutions are critical as they mitigate these issues by:

**Absorbing Vibrations**

**Enhancing Ride Quality**

**Improving Durability**

Epsan's engineering plastics solutions **Eplamid 6 QT** and **Eplamid 66 QT** are excellent choices as they not only provide **structural strength** and **durability** but also offer good damping performance.

### Application Areas

EPLAMID QT solutions are customized for high dampening materials.



- Cylinder head cover
- ICE air intakes & Engine mount
- EV subframe mounts
- E-compressor mounted on chassis
- Conventional Belt driven air compressor
- Transmission mount
- Engine Cover & housing



- Power tools
- Drill housing & casing
- Heavy Duty tools
- Industrial Machinery

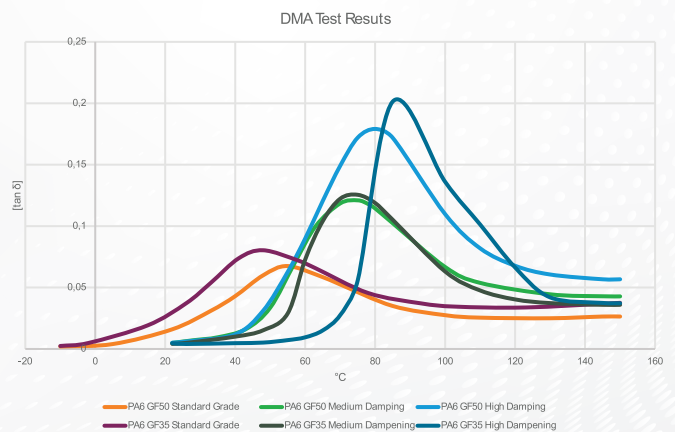


- Washing machine
- Dryer
- Dishwasher
- Refrigerator
- Freezer
- Vacuum Cleaner
- Air Conditioner



- Automatic coffee machine
- Mixers
- Blender
- Microwave ovens
- Sound systems

### What performance did we achieve?



### PA 6 Based

#### Eplamid 6 GFR35

PA6 GF35

**Medium  
High**

#### Eplamid 6 GFR50

PA6 GF50

**Medium  
High**

Note: PA66 is in progress