

# ELASTRON THE TPE SPECIALIST

Elastron  
TPE

Automotive  
Applications

Under the  
Hood



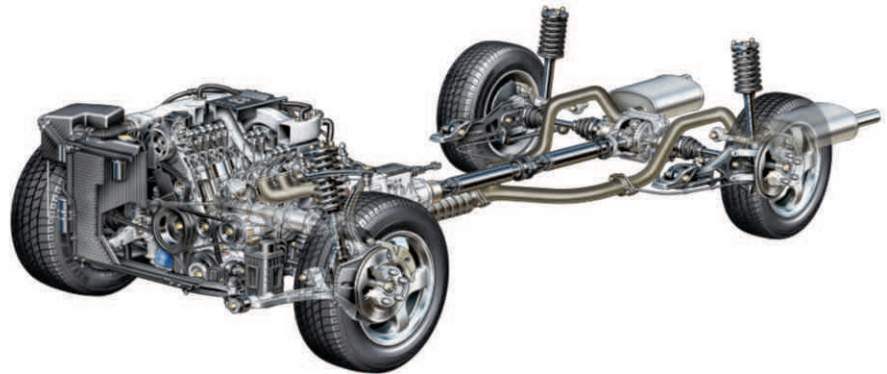
THERMOPLASTIC ELASTOMERS

**elastron**

[elastron.com](http://elastron.com)

## Features

- Reduces part weight
- Good flexibility
- Innovative new design possibilities
- Colour possibilities
- Cost reduction
- Availability of 2K Injection
- Recyclable / less scrap
- No vulcanization
- Good chemical resistance
- Good Heat aging results
- Higher Mechanical performance
- Low odor and fogging
- Flame retardant upon request



## Overview

**Elastron** TPV and TPO grades offer great advantages for “**Automotive - Under the Hood Applications**”. Temperature is one of the most critical parameter in which performance will be reshaped. Materials are affected by means of mechanical properties like tensile and elongation which are taken into consideration during the design stage. In most cases, air ducts and bellow parts are required to be flexible due to difficult installation under the hood compartment. On the other hand, flexibility is required also to absorb the vibration on the fixtures to engine and body of car. The ability of vibration absorption of TPE is a big advantage against PP and similar engineering plastics.



## Applications

- Steering Bellows
- Dust Boot
- Suspension Bellow
- Clean Air Duct
- Dirty Air Duct

