



### Automotive Lamps Rubber Damping Pad

KINGTOM is a major manufacturer and supplier of rubber products in China. Grey Rubber Damping Pad is widely used in automobile shock absorption technology. The damping technology achieves the purpose of vibration reduction by dissipating the energy of structural parts by attaching high damping materials to the surface of structural parts. The method does not change the acoustic radiation characteristics of the structural parts, but can effectively control the vibration level, so as to reduce the noise.

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#### Product Parameter of the Automotive Lamps Rubber Damping Pad:

- ①Product name: **Automotive Lamps Rubber Damping Pad**
- ②Material: EPDM NBR Silicon or Can Custom
- ③Logo: Can Custom
- ④Size: Can Custom
- ⑤Can Custom: Black or custom
- ⑥Application: Automotive
- ⑦Certifications: IATF16949 ,ISO14001:2015,ROHS,CMC, etc
- ⑧Delivery: 30 -50days after sample confirmation
- ⑨Sample: 25-30 days
- ⑩Payment: 30% deposit, 70% payment before shipment
- ⑪Package: PE bags, Cartons,Pallet
- ⑫Payment Terms: T/T,L/C and so on.
- ⑬Shipment Way: Vessel,Air,Express etc.

**Product Feature AND Application of the Automotive Lamps Rubber Damping Pad:**

**Automotive rubber damping pad**-The structure is damped by its viscoelasticity, and part of the vibration energy is consumed by the viscous internal friction between rubber molecular chains to weaken the vibration of the sheet metal structure. Generally, the biggest noise in the car is engine noise.

Considering from the perspective of noise reduction, we must pay special attention to the sound insulation and sound-absorbing design of the front enclosure. When designing the front coaming, the cavity structure should be designed between the inner and outer plates.

In these cavities can be placed a small expansion damping material, through the coating after high temperature curing, and adjacent sheet metal structure together to form a constrained damping structure, in order to better isolate the engine low and medium frequency noise into the car. In addition, the front part of the general use of more sound insulation, sound-absorbing materials to isolate engine noise.

