

Jounce Bumper made of Hytrel® for automotive suspension strut

Application description

DuPont has developed a thermoplastic Jounce Bumper (also called spring aid) associating

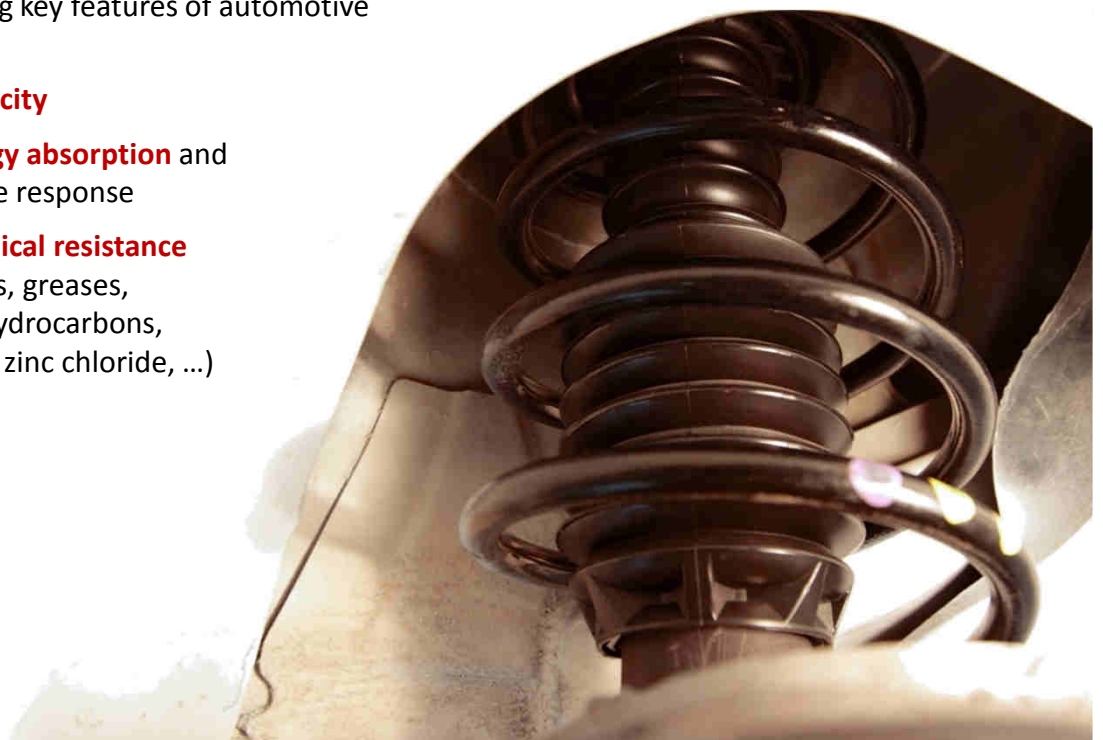
- A specific design to replace incumbent polyurethane foam
- Hytrel® thermoplastic polyester elastomer providing stiffness, elasticity and durability

Features and benefits:

- **Cost savings** with Ossberger blow moulding process and the integration of the dust cover
- **High degree of driver comfort** due to low rigidity of the bumper at low displacement
- No contact with the shock absorber rod **eliminating noise and abrasion**
- **High safety** by constant suspension travel at high loads even after severe ageing and fatigue tests
- **Excellent performance even at low temperature and under wet conditions**
- **Durable assembly** using snap fit design

And maintaining key features of automotive jounce bumper

- **High elasticity**
- **High energy absorption** and progressive response
- **High chemical resistance**
(ozone, oils, greases, aliphatic hydrocarbons, hydrolysis, zinc chloride, ...)





Contact us!

DuPont™ supports you from development until commercialization with the right material and technical resources to help you design, validate and produce a superior suspension component.

Please contact the nearest DuPont™ representative for your country.

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