

Jounce Bumper made of Hytrel® for automotive suspension strut

Application description

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

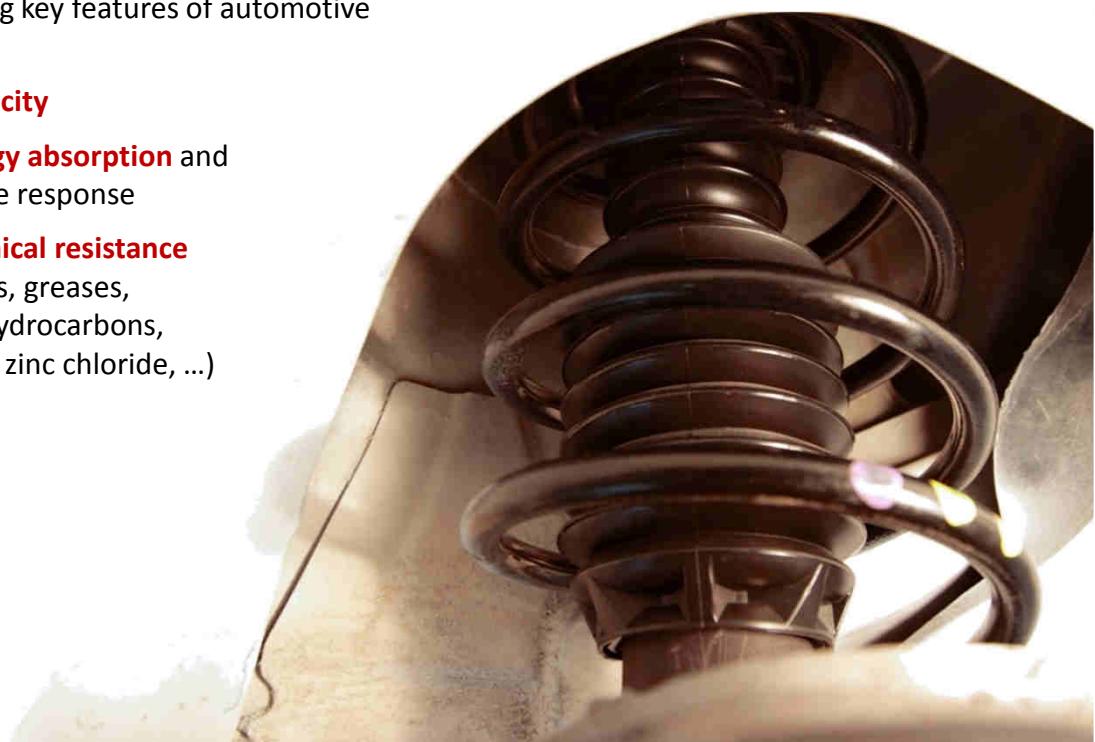
- A specific design to replace incumbent polyurethane foam
- Hytrel® thermoplastic polyester elastomer providing stiffness, elasticity and durability

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.

For more information please contact:

Thierry Donis

Tel: +33 1 41 97 4544

Email : thierry.donis@dupont.com

Johannes Kloock

Tel: +49 6102 18 2756

Email : johannes.kloock@dupont.com



For more information on DuPont Performance Materials

Europe / Middle East / Africa

DuPont de Nemours

International S.A.

2, Chemin du Pavillon

1218 Le Grand-Saconnex

Switzerland

Tel. +41 22 717 5111

Asia Pacific

DuPont China Ltd.

26/F, Tower 6, The Gateway,

9 Canton Road

Tsimshatsui, Kowloon,

Hong Kong

Tel. +852 2734 5345

North America

DuPont Performance Materials

Chestnut Run Plaza, Bldg. 713,

Wilmington, Delaware

USA

Tel. +1302-999-4592

South America

DuPont Do Brasil S.A.

Alameda Itapecuru, 506

06454-080 Barueri, SP

Brasil

Telephone +5511 4166 8299

plastics.dupont.com

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