

TECNOTHANE® automotive parts: Driving advances in car components

When it comes to making molded automotive parts, our TECNOTHANE® engineering elastomers are helping to drive new levels of functionality and comfort in cars, lorries and trucks.



TECNOTHANE® automotive parts

Offering a very low compression set alongside very good elongation properties, our TECNOTHANE® engineering elastomers for the automotive industry are most commonly used to form spring aids for suspension and vibration dampening systems - helping to protect vehicles, and any luggage or cargo, from damage.



Technical properties

| TYPICAL PHYSICAL PROPERTIES | UNIT | TEST METHOD | Tecnocell | Evocell MX2 |
|------------------------------------|-------------------|-------------|-------------|-------------|
| Tensile strength | MPa | ASTM D3574E | 6 | 5 |
| Elongation at break | % | ASTM D3574E | 500 | 450 |
| Tear resistance (trouser specimen) | kN/m | ASTM D3574F | 20 | 10 |
| Compression set at 70°C / 23h | % | ASTM D3574D | 8 | 7,5 |
| Density | g/cm ³ | ASTM D3574A | 0,60 | 0,50 |
| Minimum service temperature | °C | INTERNAL | -20 | -30 |
| Available density range | g/cm ³ | ASTM D3574A | 0,30 – 1,00 | 0,30 – 0,60 |

HUNTSMAN

Enriching lives through innovation

Europe

Tecnoelastomeri S.r.l.

Polyurethane Systems
and Machines
Via Magellano, 7/9/11
41013 Castelfranco Emilia
(MO) Italy
Telephone +39 059 92 07 07

China

Huntsman Chemistry
R&D Center
(Shanghai) Co.
No 479 Wen Jing Road
Minhang Development Zone
Shanghai 200245
Telephone +86 21 3357 2883

Contact :

Nicolaas Weyns
Sales Manager
nicolaas_weyns@huntsman.com

Contact :

Lesley Chi
Business Head APAC
lesley_chi@huntsman.com

USA

Huntsman Polyurethanes
2190 Executive Hills
Boulevard
Auburn Hills, MI 48326
Telephone +1 248 322 7300

www.tecnoelastomeri.com
www.huntsman.com

Contact :

Nicholas McNeal
Sales Excellence Manager
nicholas_mcneal@huntsman.com

About Huntsman:

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