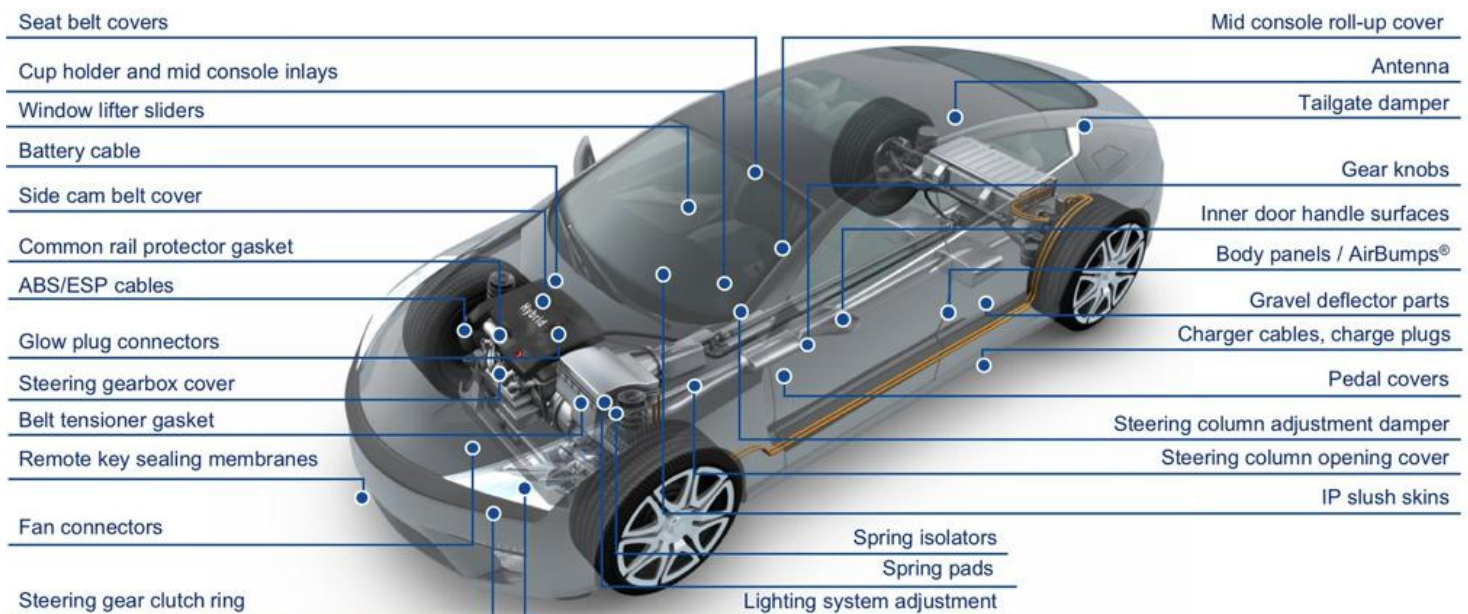


Elastollan® TPU

for Automotive Applications

Durable, Versatile, and Built for Demanding Automotive Applications

Engineered for strength, abrasion resistance, and a premium feel, Elastollan® TPU excels in automotive applications. From cable jacketing to interior components, Elastollan delivers reliable performance in the most demanding environments.



KEY PROPERTIES

Versatile solution for automotive durability and performance

- Excellent abrasion, scratch and wear resistance
- Flexibility over a wide range of temperatures -40°C to +125°C
- Superior dynamic properties: flexible and elastic
- Resistance to ozone, weather, and UV
- High tear strength and excellent dampening behavior
- Good media resistance



Elastollan® TPU

for Automotive Applications



APPLICATION BENEFITS

Electrical Components and eMobility

Excellent for cable applications, supporting increased automotive electrification

- Halogen free flame retardant: UL 94 V0-V2
- High isolation properties even with thin wall thickness
- Flexible through a broad temperature range -40°C to +125°C
- Resistant to weather and ozone
- Chemical resistant
- Up to 42V power systems



Exterior

Versatile elastomer able to endure the toughest conditions

- Paintable for up to a Class A surface
- Good dimensional stability
- High impact strength
- Excellent abrasion resistance
- Sound and energy dampening
- High stiffness with good flexibility
- Lightweight
- Resistance to weathering



Interior

Best-in-class abrasion performance and excellent wear characteristics

- Aliphatic HPM grades provide a colorfast "soft touch" for high-contact surfaces
- Injection-molding grades provide strength and resilience in applications requiring high durability (E.g. Seats, Bumpers, Door Panels, Floor Liners)
- Excellent adhesion to PU foam for IP skins



THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND ARE BASED ON BASF'S CURRENT KNOWLEDGE AND EXPERIENCE. THEY ARE PROVIDED FOR GUIDANCE ONLY, AND DO NOT CONSTITUTE THE AGREED CONTRACTUAL QUALITY OF THE PRODUCT OR A PART OF BASF'S TERMS AND CONDITIONS OF SALE. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE OF THE PRODUCT, BASF RECOMMENDS THAT THE READER CARRY OUT ITS OWN INVESTIGATIONS AND TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR ITS PARTICULAR PURPOSE PRIOR TO USE. IT IS THE RESPONSIBILITY OF THE RECIPIENT OF PRODUCT TO ENSURE THAT ANY PROPRIETARY RIGHTS AND EXISTING LAWS AND LEGISLATION ARE OBSERVED. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH HEREIN, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. ANY DESCRIPTIONS, DESIGNS, DATA AND INFORMATION GIVEN IN THIS PUBLICATION MAY CHANGE WITHOUT PRIOR INFORMATION. THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTIONS, DESIGNS, DATA OR INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT THE READER'S RISK. ® = registered trademark of BASF. © 2025 BASF Corp, Florham Park, NJ 07932. All rights reserved.