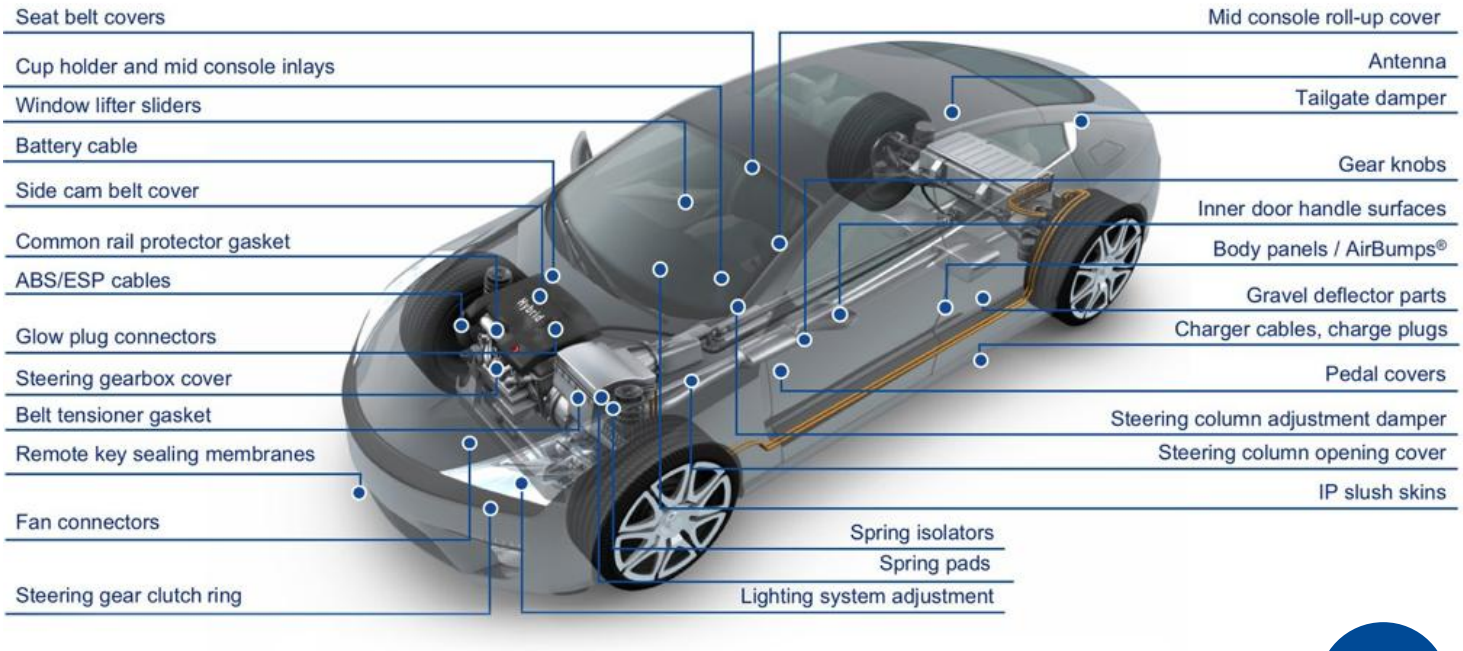
Elastollan® TPU

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

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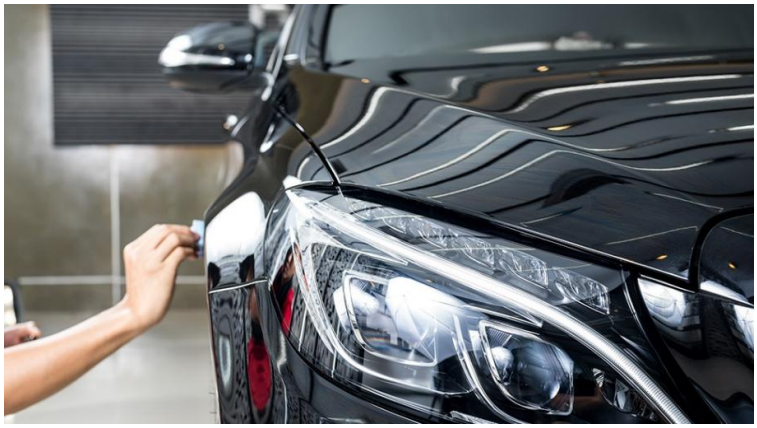
APPLICATION BENEFITS

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