

## Standard Grades

Product	Hardness	Featured Property
1100 Series	80A - 74D	Polyether, FDA, NSF, Transparent
B Series	80A - 60D	Polyester, Fast Cycle Time
S Series	80A - 60D	Polyester, Good Oil/Fuel Resistance
C Series	60A - 59D	Polyester, High Performance, Heat Stability

## Customized Grades

Product	Hardness	Featured Property
E35AP12	37A	Soft Touch
E45AP12	46A	Soft Touch
SP9324	60A	Soft, Non-plasticized
SP9339	70A	Soft, Non-plasticized
C Series HPM	65A - 75A	Soft, High Service Temperatures, Non-plasticized
C Series HPM	80A - 95A	High Service Temperatures, Fast Cycle Time, Lower Compression Set

## Aliphatic Grades

Product	Hardness	Featured Property
LP9277	68A	Aliphatic, Non-plasticized
LP9307	80A	Aliphatic, Non-plasticized
LP9273	84A	Aliphatic, Non-plasticized



## Elastollan We Are TPU

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## Elastollan® TPU for Demanding Automotive Applications



# Thermoplastic Polyurethanes

The robust characteristics of Elastollan® Thermoplastic Polyurethanes (TPU) make it the superior choice for use in many automotive applications.

Elastollan TPU keeps the transportation industry moving forward with key traits that allow it to be used successfully in applications such as ABS cables, cup holders and radiator grilles.

Elastollan TPUs bring durability, toughness, excellent abrasion resistance, chemical resistance, good weatherability, excellent oil/solvent resistance and processing ease that makes it the ideal material of choice.

Elastollan TPU's are available in a wide variety of standard polyester, polyether and specialty grades. BASF's experts continue to develop new and innovative customized products to meet the changing demands of the automotive industry. Our new high performance, plasticizer-free grades can perform at temperatures up to 150°C. BASF has also introduced soft, plasticizer-free aliphatic grades which provide the pleasant soft-feel touch with excellent color stability.

## Elastollan — We Are TPU

Elastollan, the thermoplastic polyurethane elastomer made by BASF Corporation provides an innovative material with outstanding potential for your application.

Through customized formulations, Elastollan TPU's can meet complex specifications for even the most demanding applications. Originally produced in Lemförde, Germany — Elastollan TPU's have been providing customized solutions for over 30 years, and have adapted to evolving market needs. Now manufactured at several locations throughout the globe, Elastollan has established itself as a multi-talented, successful material in virtually every industry.

At BASF, we are always looking for new challenges. Do you have special demands or requirements for your product or application? If so, call us 800-892-3111. Our technical experts are ready to help you turn your ideas into reality in the most creative and economical way.

When the success of your application is critical to your business, choose the most reliable TPU in the industry — Elastollan from BASF.

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### Automotive ABS Cable Connectors

Drivers rely on their anti-lock brake systems for safety, and manufacturers of ABS cable connectors can rely on Elastollan to ensure those systems do their jobs, thanks to the TPU's creep resistance, tear/cut resistance, moldability and excellent adhesion characteristics. **Suggested product:** Elastollan 1100 Series.



### Automotive ABS Cables

Companies can stop looking for a TPU that excels in automotive ABS cables; Elastollan has it all, including low-temperature flexibility, long-term flexibility, abrasion/cut/tear resistance, hydrolytic stability, microbial resistance and oil/fuel resistance. **Suggested product:** Elastollan 1100 Series.



### Automotive Bumpers

With the ability to impart abrasion/mar resistance, chemical/oil resistance, adhesion characteristics, low-temperature/long-term flexibility, hydrolytic stability, resistance to weathering and color stability, Elastollan is a prime choice for the manufacture of automotive bumpers. **Suggested products:** Elastollan B Series, Elastollan C Series, Elastollan 1100 Series.



### Automotive Coil Spring Isolators & Strikers

Elastollan supplies a smooth ride to success for producers of automotive coil spring isolators/striker, with traits that include abrasion resistance, good load-bearing qualities, chemical/oil resistance, low-temperature impact resistance, hydrolytic stability, resistance to weathering and color stability. **Suggested products:** Elastollan C Series, Elastollan 1100 Series.



### Automotive Cup Holders

A crucial component of today's vehicles, automotive cup holders made from Elastollan feature excellent adhesion to substrate, transparency, hydrolytic resistance, abrasion/cut/tear resistance, microbial resistance, resistance to weathering and color stability. **Suggested product:** Elastollan Customized Series.



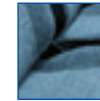
### Automotive Door Handles

Elastollan opens a new opportunity for manufacturing door handles with soft-touch feel, adhesion to substrate, transparency, hydrolytic stability, abrasion/cut/tear resistance, microbial resistance, excellent haptics, resistance to weathering and color stability. **Suggested product:** Elastollan Customized Series.



### Automotive Exterior Side Panels

Imparting traits such as rigidity, mar/impact resistance, hydrolytic stability, abrasion/cut/tear resistance, oil/fuel resistance, resistance to weather and color stability, Elastollan excels when used to manufacture automotive exterior side panels. **Suggested product:** Elastollan C Series.



### Automotive Foam-In-Place Seats

Manufacturers are comfortable using Elastollan for automotive foam-in-place seats because of the TPU's significant tear/cut/abrasion resistance, adhesion to fabric, barrier properties, low-temperature flexibility, hydrolytic stability, resistance to weathering and color stability. **Suggested product:** Elastollan 1100 Series.



### Automotive Seating Fabric

Other TPU's take a backseat to Elastollan in the production of automotive seating fabrics. The BASF TPU supplies abrasion/tear resistance, good adhesion to fabric, barrier properties, low-temperature flexibility, hydrolytic stability, resistance to weathering and color stability. **Suggested product:** Elastollan Customized Series.



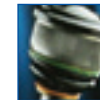
### Gearshift Knobs

Manufactures driving to improve gearshift knobs can depend on Elastollan for good adhesion to substrate, cut/abrasion/tear resistance, oil/grease/chemical resistance, hydrolytic stability and low-temperature flexibility. **Suggested products:** Elastollan 1100 Series, Elastollan C Series.



### Automotive Sensor Cables

High-quality automotive sensor cables require Elastollan properties such as abrasion/tear/cut resistance, long-term flexibility, low-temperature flexibility, microbial resistance, hydrolytic stability, oil/fuel resistance, resistance to weathering and color stability. **Suggested product:** Elastollan 1100 Series.



### Ball Joint Seals

Ball joint seals made from Elastollan benefit from the TPU's grease resistance, abrasion/cut/tear resistance, long-term flexibility, low-temperature flexibility, hydrolytic stability, creep resistance and oil/fuel resistance. **Suggested product:** Elastollan C Series.