

### Polyether Grades

Product	Hardness	Compliance/Featured Property
LP9291	72A	Non-plasticized, FDA
1180A	80A	FDA, NSF
1185A	85A	FDA, NSF, USP Class VI
1190A	90A	FDA, NSF
1195A	95A	FDA, NSF
1260D	60D	UV Stabilized, Transparent

### Polyester Grades

Product	Hardness	Compliance/Featured Property
880A	80A	Excellent Transparency
890A	90A	Excellent Transparency
688A	88A	FDA, Excellent Transparency
695A	95A	FDA, Excellent Transparency
B90A	90A	High Performance, Low Temperature Flexibility
B95A	95A	High Performance, Low Temperature Flexibility
C85A	85A	High Performance, Low Temperature Flexibility
C90A	90A	High Performance, Low Temperature Flexibility
C95A	95A	High Performance, Low Temperature Flexibility

### Customized Grades

Product	Hardness	Featured Property
1175AW	75A	Non-Hal, FR, Transparent, V-0
1185AW	85A	Non-Hal, FR, Transparent, V-2
1185AFHF	89A	Halogen Free FR, Opaque
LP9277	68A	Aliphatic, Soft, Elastic
LP9273	85A	Aliphatic, Clear
LP9313	60D	Aliphatic, High Transparency
LP9286	85A	High MVTR

## Elastollan We Are TPU

### BASF Corporation- Elastollan TPU

1609 Biddle Avenue  
Wyandotte, MI 48192  
Phone: 800-892-3111  
E-mail: [tpu\\_techdesk@basf.com](mailto:tpu_techdesk@basf.com)  
[www.elastollan.com](http://www.elastollan.com)

## Elastollan® TPU for Demanding Film & Sheet Applications



# Thermoplastic Polyurethanes

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

Elastollan materials provide excellent abrasion resistance, hydrolysis resistance, good weatherability, excellent cut & tear properties and flexibility from -40°C to 125°C.

Elastollan polyether-based grades offer excellent fungus, microbial & hydrolysis resistance and low temperature flexibility. Polyester-based grades supply improved resistance to oils and greases, high temperature performance, UV resistance, as well as resistance to ozone & high-energy radiation.

BASF and Elastollan also offer customers the technical expertise to enhance additional key properties such as halogen-free flame retardancy with LOI's up to 33%, high moisture vapor permeability (MVTR), color stability, breathability, non-phthalate flexibility, anti-stat, and low co-efficient of friction surfaces.

## 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 branch of 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 (at 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.

© Trademark of BASF Corporation



## 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.



## Bedsheets (Moisture Barriers)

Elastollan offers products with excellent hydrolytic stability and microbial resistance for use in manufacturing bedsheets. **Suggested product:** Elastollan 1100 Series.



## Bike Seat Covers

Elastollan can help smooth the road to producing superior bike seat covers with characteristics including tear/cut/abrasion resistance, high puncture resistance, long-term flexibility, low-temperature flexibility, hydrolytic stability, resistance to weathering and color stability. **Suggested products:** Elastollan 600 Series, Elastollan 1100 Series.



## Breathable Sport Fabrics

For breathable sport fabrics, Elastollan has you covered with traits such as cut/tear/abrasion resistance, high puncture resistance, low-temperature/long-term flexibility, hydrolytic stability, resistance to weathering and color stability. **Suggested product:** Elastollan 1100 Series.



## Collapsible Fuel Tanks

When used in the manufacture of collapsible fuel tanks, Elastollan can impart abrasion/tear/cut resistance, high burst pressure, good adhesion to fabric, barrier properties, low-temperature flexibility, hydrolytic stability, fuel resistance, resistance to weathering and color stability. **Suggested product:** Elastollan 1100 Series.



## Collapsible Water Tanks

Elastollan is the wave of the future when it comes to collapsible water tanks, providing abrasion/tear/cut resistance, high burst pressure, good adhesion to fabric, barrier properties, low-temperature flexibility, hydrolytic stability, resistance to weathering and color stability. **Suggested product:** Elastollan 1100 Series.



## Seeders

Elastollan provides superior performance in seeder conveyor belts as a result of its abrasion resistance, resistance to weathering, color stability and resistance to farm chemicals. **Suggested product:** Elastollan 1100 Series.



## Geomembranes

Boasting excellent hydrolytic stability, Elastollan also adds high puncture resistance, long-term flexibility, and low-temperature flexibility to the production of geomembranes. **Suggested product:** Elastollan 1100 Series.



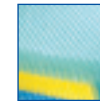
## Inflatable Flotation Devices

Providing characteristics that include tear/cut/abrasion resistance, high puncture resistance, long-term/low-temperature flexibility, hydrolytic stability, resistance to weathering and color stability, Elastollan is a real lifesaver for companies that make inflatable flotation devices. **Suggested product:** Elastollan 1100 Series.



## Ski Laminates

Tear/cut/abrasion resistance, high puncture resistance, long-term flexibility, low-temperature flexibility, hydrolytic stability, resistance to weathering and color stability are just some of the Elastollan characteristics that aid the production of ski laminates. **Suggested product:** Elastollan 1100 Series.



## Wheelchair Cushions

Imparting washability, microbial resistance and hydrolytic stability, Elastollan is an important part of the manufacture of wheelchair cushions. **Suggested products:** Elastollan 600 Series, Elastollan 1100 Series.



## Wound Dressings

In addition to the characteristics mentioned above, Elastollan also provides wound dressings with hydrolytic stability, FDA and USP Class VI certification, and washability. **Suggested product:** Elastollan 1100 Series.