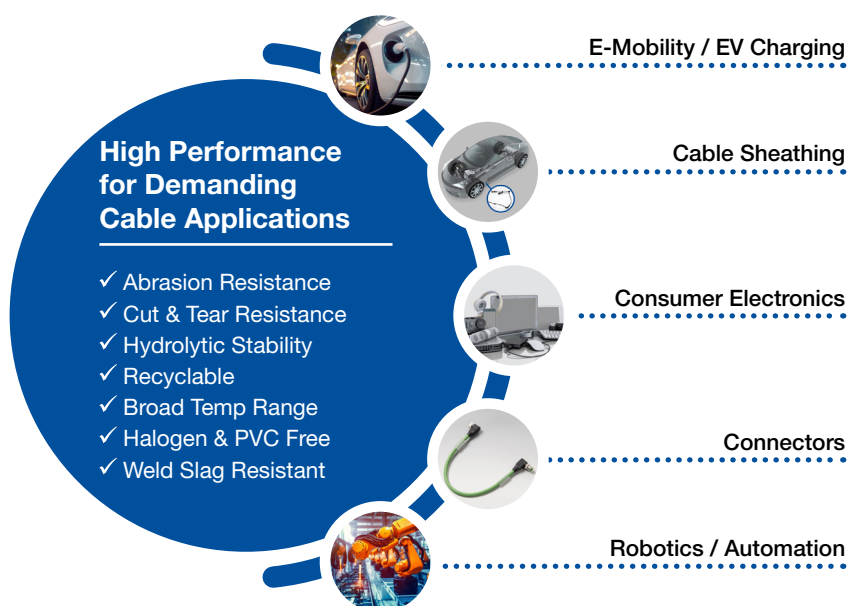


Elastollan® TPU for Wire and Cable

Elastollan.com

Elastollan® Thermoplastic Polyurethane (TPU) is designed to provide innovative solutions for wire and cable manufacturers. BASF's extensive TPU portfolio offers a variety of capabilities and material properties, allowing for customized solutions that ensure long-term reliability and durability.



Key Properties

- Halogen free flame retardant: UL 94 V0-V2
- Excellent abrasion, tear, cut and puncture resistance
- Flexible through a broad temperature range: -40°C to +125°C
- Resistant to weather and ozone
- Chemical resistant

Flame retardant TPU solutions from BASF have been halogen free since 2010

Key Grades

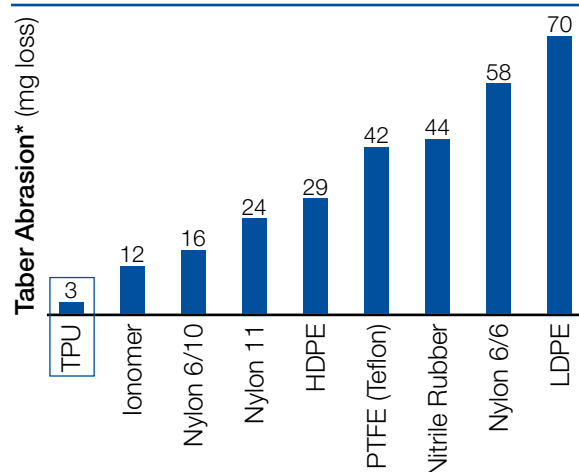
1100 Series: Polyether chemistry that offers excellent hydrolysis resistance, cold flexibility and resistance to microorganisms.

Flame Retardant (FR): Non-halogenated based flame retardant material with outstanding mechanical properties, excellent hydrolysis resistance and resistance to microorganisms.

High Performance Materials (HPM): Grades offer very good dampening behavior and rebound, high temperature resistance, improved setting behavior, good demolding properties, color-fast and soft to touch.

Matte Finish: Offers aesthetic for highly visible applications with reduced discoloration compared to natural coloring.

Elastollan® TPU: Superior Abrasion



*Taber Abrasion, CS17 Wheel, 1000g Weight, 5000 Revolutions, Ref: Handbook of Thermoplastic Elastomers, Litton Educational Publishing, 1979

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