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HIPEX[®]

A High Performance
Thermoplastic Elastomer Hybrid

Advantages at a glance

- TEH technology platform for advanced TPE materials based on various elastomers/thermoplastic combinations
- Developed product solutions, named HIPEX®, are the alternative to common rubber solutions with the advantage of efficient thermoplastic processability
 - » Cycle time reduction compared to elastomers (no vulcanization required)
 - » Multi-component injection molding to several thermoplastics, e.g. PA, PBT, PP
 - » Reduced part weight (lower density)
 - » No post-treatment (deburring or tempering)
 - » Recyclable
- Advanced performance level of Thermoplastic Elastomers
 - » High permanent working temperature up to 150 °C
 - » Longterm chemical resistance to engine oil, greases, fuels, cooling liquids, and many more
 - » Shore A hardness range
- Application-engineered material solutions
- Good sealing properties
- Compounds are available in black or nature color
- Materials can be colored in different ways
- Well established in different engine and gearbox applications with permanent contact with oil and heat

