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Hifax TRS 123D NAT

Description

Hifax TRS 123D NAT high melt flow, 950 MPa flexural modulus, natural, reactor grade thermoplastic elastomeric olefin (TEO) resin has an excellent balance of impact, stiffness, paintability, and processability. It is based on material produced from LyondellBasell's proprietary Catalloy process.

Availability

North America

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Legend

SDS - Safety Data Sheet

PSB - Product Stewardship Bulletin

[Information](#)[SDS](#)[PSB](#)[Safety Summary](#)[Technical Literature](#)

Product Data and Technical Information

Typical Properties

Melt Flow Rate (230°C/2.16 kg)	17 g/10 min
Density (23°C, Method A)	0.89 g/cm ³
Flexural Modulus (23°C)	950 MPa
Tensile Stress at Yield (23°C)	18 MPa
Tensile Strain at Yield (23°C)	8 %
Notched Izod Impact Strength (23°C)	46 kJ/m ²
Multi-axial Impact Strength (-30°C, 2.2 m/s, 3.2 mm plaque)	25 J
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80 °C
Deflection Temperature Under Load (1.80 MPa, Unannealed)	53 °C
Mold Shrinkage	

Process

Injection Molding

Resin

Polypropylene Compounds

Applications

Automotive Parts, Interior Automotive Applications

Prohibited Applications of Compounded Polyolefins:

The use of LyondellBasell Compounded Polyolefins in the following applications is prohibited:

- All parts for Aeronautical use
- All parts for Train transportation use
- Air bag unit housings
- Seat belt systems and mechanisms
- Brake systems and mechanisms
- Pedals (brake, gas, clutch)
- Steering systems and mechanisms
- All parts with flammability requirements for Building and Constructions
- All parts with flammability requirements for Industrial applications use
- All parts for Medical applications use

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