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Hifax TRC 790PHF 3004 BLK

Description

Hifax TRC 790PHF 3004 BLK high melt flow, high flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It is typically used for automotive bumper fascia applications.

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)	24 g/10 min
Density (23°C)	1.04 g/cm ³
Flexural Modulus (23°C)	1500 MPa
Tensile Stress at Yield (23°C)	17 MPa
Tensile Strain at Break (23°C)	100 %
Notched Izod Impact Strength (23°C)	42 kJ/m ²
Notched Izod Impact Strength (-30°C)	4.0 kJ/m ²
Deflection Temperature Under Load (0.45 MPa, Unannealed)	98 °C

Mold Shrinkage

Process

Injection Molding

Resin

Polypropylene Compounds

Applications

Automotive Parts, Bumpers, Exterior 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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