

Hifax TRC 770P MX PK81

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

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Technical Data

Product Description

Hifax TRC 770P MX PK81 high melt flow, 1,600 MPa flexural modulus, UV-stabilized, mineral-filled, precolored thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is typically used for molded-in color automotive bumper fascias.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• LyondellBasell Industries • Hifax
Availability	• North America
Filler / Reinforcement	• Mineral
Additive	• UV Stabilizer
Features	• Good Processability • High Flow • UV Stabilized
Uses	• Automotive Applications • Automotive Exterior Parts • Automotive Bumper • Fascias
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density (23°C)	1.02 g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28 g/10 min	ASTM D1238

Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0 MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	7.0 %	ISO 527-2
Flexural Modulus (23°C)	1600 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength		ISO 180
-30°C	5.8 kJ/m ²	
23°C	32 kJ/m ²	

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load		ISO 75-2/B
0.45 MPa, Unannealed	125 °C	

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



Where to Buy

Supplier

LyondellBasell Industries
Wilmington, Wilmington USA
Telephone: 713-309-7200
Web: <https://www.lyondellbasell.com/>

Distributor

Avient Distribution

Avient Distribution is a global distribution company. Contact Avient Distribution for availability of individual products by country.
Telephone: +1-440-930-3004 (USA); +86-21-6028-4805 (China)
Web: <https://now.avient.com/>
Availability: Global

Entec Polymers Latin America

Contact Entec Polymers for availability of individual products by country.
Web: <https://www.entecpolymers.com/>
Availability: Latin America

M. Holland Canada Company

Telephone: 905-665-1168
Web: <http://www.mholland.com/>
Availability: Canada

M. Holland Company

Telephone: 855-497-1403
Web: <http://www.mholland.com/>
Availability: Mexico, United States

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