Hifax TRC 770P MX PK81

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

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 IndustriesHifax			
Availability	North America			
Filler / Reinforcement	Mineral			
Additive	UV Stabilizer			
Features	 Good Processability 	 High Flow 	 UV Stabilized 	
Uses	Automotive ApplicationsAutomotive Bumper	Automotive Exterior PartsFascias		
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.



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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

Nexeo Plastics

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Plastic Service Centers

Telephone: 586-307-3900 Web: http://www.plasticservice.com/ Availability: North America



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