

Technical Data Sheet

Hifax TRC 770P MX PK81

Polypropylene Compounds

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.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	28	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.02	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1600	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	7	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	32	kJ/m ²	ISO 180
(-30 °C)	5.8	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	97	°C	ISO 75B-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			