

Technical Data Sheet

Hifax TYC 773X GRAY



Polypropylene Compounds

Product Description

Hifax TYC 773X GRAY very high melt flow, 1,400 MPa flexural modulus, mineral-filled, paintable, thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability that is typically used for thin-walled bumper fascia applications.

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)	22	g/10 min	ASTM D1238
Density, (23 °C, Method A)	0.97	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1400	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	50	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			