

Technical Data Sheet

Hifax TRC 779X BLACK



Polypropylene Compounds

Product Description

Hifax TRC 779X BLACK high melt flow, 1,700 MPa flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is typically used for multiple automotive exterior 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)	25	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.00	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1700	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	5	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	46	kJ/m ²	ISO 180
(-40 °C)	6.5	kJ/m ²	ISO 180
Multi-axial Impact Strength, (-40°C, 2.2 m/s, 3.2 mm plaque)	23	J	ASTM D3763
Ductile failure mode.			
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			