

## Technical Data Sheet

### Hifax TRC 779X SHS BLACK



Polypropylene Compounds

#### Product Description

Hifax TRC 779X SHSBLACK 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.

<b>Application</b>	Automotive Parts; Bumpers; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.00	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	46	kJ/m <sup>2</sup>	ISO 180
(-40 °C)	6.5	kJ/m <sup>2</sup>	ISO 180
Multi-axial Impact Strength, (-40°C, 2.2 m/s, 3.2 mm plaque)	23	J	ASTM D3763
Ductile failure mode.			
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			