

Technical Data Sheet

**Hifax TRC 770P G01 BLK**



Polypropylene Compounds

**Product Description**

Hifax TRC 770P G01 BLK 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
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	28	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.02	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	32	kJ/m <sup>2</sup>	ISO 180
(-30 °C)	5.8	kJ/m <sup>2</sup>	ISO 180
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	97	°C	ISO 75B-1, -2
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			