

# Hifax TYC 1190X BLACK

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

Hifax TYC 1190X BLACK high melt flow, 1,600 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It is typically used for automotive bumper fascia applications.

For regulatory compliance information, see Hifax TYC 1190X BLACK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Features	Good dimensional stability		
	Rigid, good		
	Impact resistance, good		
	Workability, good		
	Sprayable		
	High liquidity		
Uses	Car anti-collision bar		
	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.01	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	> 500	%	ISO 527-2
Flexural Modulus (23°C)	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	55	kJ/m <sup>2</sup>	ISO 179/1eA

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