

Hifax TYC 1152X BLACK

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax TYC 1152X BLACK very high melt flow, 2,000 MPa flexural modulus, low density mineral- filled, paintable thermoplastic elastomeric olefin (TEO) resin. Enables part weight reduction and associated savings while maintaining all of the performance of traditional, higher density products. It has an excellent balance of properties and processability, and is typically used for automotive bumper fascias and exterior trim applications.

General Information			
Features	Good dimensional stability		
	Low density		
	Rigidity, high		
	Impact resistance, high		
	Workability, good		
	Sprayable		
	High liquidity		
	Low shrinkage		
Uses	Car anti-collision bar		
	Application in Automobile Field		
	Car exterior decoration		
	Outdoor application		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-40°C	3.5	kJ/m ²	ISO 180
23°C	35	kJ/m ²	ISO 180

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