

Hifax TYC 1235X Black

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax TYC 1235X Black has a very high melt flow, very high flexural modulus, paintable, mineral- filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for use in multiple automotive exterior applications.

General Information			
Filler / Reinforcement	Mineral filler		
Features	Good dimensional stability		
	Rigidity, high		
	Impact resistance, good		
	Workability, good		
	Sprayable		
	Good formability		
	High liquidity		
	Low shrinkage		
Uses	Application in Automobile Field		
	Automotive exterior parts		
	Outdoor application		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	23.0	MPa	ISO 527-2
Flexural Modulus (23°C)	2800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact ¹ (-10°C, Energy at Peak Load, ductile damage)	22.0	J	ASTM D3763
NOTE			
1.	2.20 m/sec		

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