

Hifax TYC 1229P

Polyolefin

LyondellBasell Industries

Message:

Hifax TYC 1229P is a high flow thermoplastic polyolefin designed for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability.

General Information			
Features	Good dimensional stability		
	Rigid, good		
	Impact resistance, good		
	Workability, good		
	High liquidity		
	Low temperature impact resistance		
	ductility		
Uses	Car anti-collision bar		
	Application in Automobile Field		
	Automotive exterior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	27	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2
Flexural Modulus ¹	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35.0	kJ/m ²	ASTM D256
NOTE			
1.	2.0 mm/min		

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Recommended distributors for this material

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