

Hifax TYC 900P C11544

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TYC 900P is a 15% talc filled PP copolymer, with superior flowability, excellent impact/stiffness balance, good UV resistance and very good surface appearance. Formula is improved to offer better aspect, especially on tiger stripes. The product reflects the latest advancements in resin synthesis and compounding technology.

This product is also available in other colors, new colors can be developed depending on customer requirements.

For regulatory compliance information, see Hifax TYC 900P C11544 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 15% filler by weight		
Additive	Impact modifier		
Features	Good dimensional stability		
	Impact modification		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good UV resistance		
	Workability, good		
	Fast molding cycle		
	Good liquidity		
	Good color stability		
	Good wear resistance		
	High liquidity		
	Low temperature impact resistance		
	Scratch resistance		
	Good appearance		
	ductility		
	Excellent appearance		
Uses	Car anti-collision bar		
	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.01	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1550	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-20°C	6.0	kJ/m ²	ISO 180/1A
23°C	35	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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