

Hifax TYC 900P C11301

Polypropylene
LyondellBasell Industries

Message:

Hifax TYC 900P is a 15% talc filled elastomer modified PP, 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. It has been designed using the latest advancements in resin synthesis and compounding technology. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

For regulatory compliance information, see Hifax TYC 900P C11301 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		
	Impact resistance, good		
	Good UV resistance		
	Workability, good		
	Fast molding cycle		
	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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
 Phone: +86 13424755533
 Email: sales@su-jiao.com
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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