

Hifax TYC 2005P S62840

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TYC 2005P S62840 is a 14% talc filled PP copolymer, with very high flowability, high impact resistance and medium rigidity. This material has been coloured to create a metallic effect.

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

General Information			
Filler / Reinforcement	Talc filler, 14% filler by weight		
Features	Impact resistance, high		
	High liquidity		
	Medium hardness		
Uses	Application in Automobile Field		
	Car exterior decoration		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.02	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	16.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1350	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	5.0	kJ/m ²	ISO 180/1A
23°C	45	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	82.0	°C	ISO 75-2/B
1.8 MPa, not annealed	49.0	°C	ISO 75-2/A
NOTE			
1.	1.0 mm/min		

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Recommended distributors for this material

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