

Hifax TYC 007P E C13101

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TYC 007P E C13101 is a 22% talc filled PP copolymer, with superior melt flow rate, high rigidity, excellent processability and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C13101 color version. This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 22% filler by weight		
Features	Rigidity, high		
	Copolymer		
	Good UV resistance		
	Workability, good		
	Good liquidity		
Uses	Car anti-collision bar		
	Application in Automobile Field		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	21.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	2100	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	8.0	kJ/m ²	ISO 180/1A
23°C	50	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	115	°C	ISO 75-2/B
1.8 MPa, not annealed	63.0	°C	ISO 75-2/A
NOTE			
1.	1.0 mm/min		

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Recommended distributors for this material

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

