

Hifax TYC 462P G14008

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TYC 462P is a 30% talc filled PP copolymer, with high melt flow rate, excellent surface appearance and good impact resistance. 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 462P G14008 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, 30% filler by weight		
Features	Copolymer		
	Impact resistance, good		
	High liquidity		
	Good appearance		
Uses	Application in Automobile Field		
	Car exterior decoration		
Appearance	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	33	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	18.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1950	MPa	ISO 178/A
Flexural Stress ² (23°C)	26.0	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	3.5	kJ/m ²	ISO 180/1A
23°C	25	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	54.0	°C	ISO 75-2/A
NOTE			
1.	1.0 mm/min		
2.	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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