

Hifax TYC 258P C12561

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TYC 258P C12561 is a 30% talc filled PP copolymer, with very low shrinkage, high flowability, good impact/stiffness balance and high UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12561 color version. This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Features	Rigid, good		
	Impact resistance, good		
	Good UV resistance		
	High liquidity		
	Low shrinkage		
Uses	Application in Automobile Field		
	Car exterior decoration		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1900	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	2.5	kJ/m ²	ISO 179/1eA
23°C	25	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	100	°C	ISO 75-2/B
Vicat Softening Temperature	115	°C	ISO 306/A
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

