

Hifax TYC 1168P E C11538

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TYC 1168P E is a 12% talc filled PP copolymer, with high melt flow rate, low density and very good surface appearance. 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.

General Information			
Filler / Reinforcement	Talc filler, 12% filler by weight		
Features	Low density		
	High liquidity		
	Good 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)	0.980	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	32	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.5	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
-30°C	5.5	kJ/m ²	ISO 180/1A
23°C	40	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	58.0	°C	ISO 75-2/A
Vicat Softening Temperature	46.0	°C	ISO 306/B
NOTE			
1.	1.0 mm/min		

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