

Hifax TYC 2052P

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TYC 2052P is a 22% talc filled PP copolymer, with low CLTE (Coefficient of Linear Thermal Expansion) and excellent impact/stiffness balance. 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. This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 22% filler by weight		
Features	Low CLTE		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
Uses	Outdoor application		
Appearance	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.06	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1900	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	4.0	kJ/m ²	ISO 180/1A
23°C	40	kJ/m ²	ISO 180/1A
NOTE			
1.	1.0 mm/min		

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