

Hifax TYC 462X BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TYC 462X is a 30% talc filled PP copolymer, with high melt flow rate, excellent surface appearance and good impact resistance. This grade is delivered in black color. This Data Sheet is giving general properties.

For regulatory compliance information, see Hifax TYC 462X BLACK 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		
	Excellent appearance		
Uses	Car exterior decoration		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	34	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	17.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1800	MPa	ISO 178/A
Flexural Stress ² (23°C)	23.0	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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