

Hifax TYC 1123X E BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TYC 1123X E BLACK is a 18% talc filled PP copolymer, with high melt flow rate, low density and very good surface appearance. The product is available in black color, pellet form.

For regulatory compliance information, see Hifax TYC 1123X E 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, 18% filler by weight		
Features	Low density		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	High liquidity		
	Good appearance		
Uses	Car anti-collision bar		
	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.00	g/cm³	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)	17.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1550	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	6.0	kJ/m²	ISO 180/1A
23°C	40	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	52.0	°C	ISO 75-2/A
Vicat Softening Temperature	48.0	°C	ISO 306/B
NOTE			
1.	1.0 mm/min		

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