

Hifax TYC 852X E BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax TYC 852X E BLACK is a 22% talc filled PP copolymer, with high flowability, high impact resistance and low CLTE (Coefficient of Linear Thermal Expansion). Please contact Basell for shrinkage recommendations. The product is available in different col or matched, pellet form.

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		
	Impact resistance, high		
	High liquidity		
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)	1.06	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	31	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹ (23°C)	2000	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	3.5	kJ/m ²	ISO 179/1eA
23°C	45	kJ/m ²	ISO 179/1eA
Notched Izod Impact			ISO 180/1A
-40°C	4.0	kJ/m ²	ISO 180/1A
23°C	40	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	100	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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Recommended distributors for this material

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