

Hifax EKC 177P BLACK

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hifax EKC 177P BLACK is a 30% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance and good UV resistance. This grade is delivered in BLACK color version.

For regulatory compliance information, see Hifax EKC 177P 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	Rigidity, high		
	Copolymer		
	Impact resistance, good		
	Good UV resistance		
	Good liquidity		
Uses	Application in Automobile Field		
	Car exterior decoration		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	2200	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	1.5	kJ/m ²	ISO 179/1eA
23°C	13	kJ/m ²	ISO 179/1eA
Notched Izod Impact			ISO 180/1A
-40°C	2.0	kJ/m ²	ISO 180/1A
23°C	12	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	108	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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