

Hifax TKC 243X

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TKC 243X is a medium flow, 10% mineral filled, high impact polypropylene copolymer for painted exterior applications like bumper fascias. The product is designed especially for injection moulding. It exhibits a good stiffness and an excellent impact strength. Available in black and grey colour.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	Copolymer		
	Good Stiffness		
	High Impact Resistance		
	Medium Flow		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
	Fascias		
Appearance	Black		
	Grey		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	17.0	MPa	ISO 527-2/50
Tensile Strain			
Yield, 23°C	5.0	%	ISO 527-2/50
Break, 23°C	150	%	ISO 527-2/5
Flexural Modulus ¹ (23°C)	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	6.0	kJ/m ²	
23°C	55	kJ/m ²	
NOTE			
1.	2.0 mm/min		

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