

Hifax TKC 461X BLACK

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TKC 461X Black is a PP/EPR-Blend, 12% mineral filled, impact modified, with low shrinkage, for automotive painted exterior applications like bumpers.

General Information			
Filler / Reinforcement	Mineral, 12% Filler by Weight		
Additive	Impact Modifier		
Features	High Impact Resistance		
	Impact Modified		
	Low Shrinkage		
	Medium Flow		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	200	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	8.0	kJ/m ²	
23°C	51	kJ/m ²	
NOTE			
1.	2.0 mm/min		

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