

Hifax TKC 461X 1 Black

Polypropylene Alloy
LyondellBasell Industries

Message:
Hifax TKC 461X 1Black is a PP/EPR-Blend, 12% mineral filled, good impact resistance, with very low shrinkage. Designed for automotive painted bumper.

General Information			
Filler / Reinforcement	Mineral, 12% Filler by Weight		
Features	Good Impact Resistance		
	Good Processability		
	Low Density		
	Low Shrinkage		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
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)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2
Tensile Strain (Break)	400	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	20	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	125	°C	ISO 306/A50
NOTE			
1.	2.0 mm/min		

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