



Hifax TKC 461X BLACK

Compounded Polyolefin

Product Description

Hifax TKC 461X BLACK is a 12% talc filled PP copolymer, with very low shrinkage and good impact resistance. Product is available in black color, pellet form.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Shrinkage, impact resistance, density.
Typical Customer Applications	Used for automotive painted bumper.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	14	g/10 min
Density (23 °C)	ISO 1183-1/A	0.98	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Tens.Strain at Break	ISO 527-1, -2	100	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1600	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	50	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	10	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	130	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	90	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

