

Hifax TKC 220X 1 3001

Compounded Polyolefin

Product Description

Hifax TKC 220X 1 3001 is a less than 15% talc filled PP copolymer, with high impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 3001 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Impact resistance.
Typical Customer Applications	Used for automotive 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	1.02	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1400	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	50	kJ/m ²
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	3	kJ/m ²
Izod Impact strength, notched (23 °C)	ISO 180/1A	45	kJ/m ²
Izod Impact strength, notched (-40 °C)	ISO 180/1A	4	kJ/m ²
Thermal			
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 affect the quality of this product
- Keep material completely dry for good processing.

