



Hifax EKC 177P C12719

Compounded Polyolefin

Product Description

Hifax EKC 177P C12719 is a 30% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12719 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, impact/stiffness balance.
Typical Customer Applications	Used for automotive exterior trims.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2200	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	12	kJ/m ²
Izod Impact strength, notched (-40 °C)	ISO 180/1A	2	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	13	kJ/m ²
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	1.5	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	108	°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.

