

## Hifax EKC 177P BLACK

### Compounded Polyolefin

#### Product Description

Hifax EKC 177P BLACK is a 30% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance and good UV resistance. This grade is delivered in BLACK color version.

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

#### Product Characteristics

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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 <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2200	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	13	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	1.5	kJ/m <sup>2</sup>
Izod Impact strength, notched (23 °C)	ISO 180/1A	12	kJ/m <sup>2</sup>
Izod Impact strength, notched (-40 °C)	ISO 180/1A	2	kJ/m <sup>2</sup>
<b>Thermal</b>			
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.

