



## Hifax EKC 187P 1750

Compounded Polyolefin

IMDS Number: 19524188

### Product Description

Hifax EKC 187P 1750 is a 10% talc filled PP copolymer, with good flowability, very good impact/stiffness balance and excellent UV resistance. Product is containing a recycled PP blend. The product is available in black color, pellet form. The values in the data sheet are taken from a limited number of production lots and should only be taken as indication.

*This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.*

### Product Characteristics

**Status** Commercial

**Processing Method** Injection molding

**Features** Flowability, impact/stiffness balance, UV resistance.

**Typical Customer Applications** Used for outdoor/exterior applications, that require high impact strength as well as good stiffness.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	15	g/10 min
Density (23 °C)	ISO 1183-1/A	0.97	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	16	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1200	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	30	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	5	kJ/m <sup>2</sup>

### 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.

