



## Hifax TKC 805P E 1750

### Compounded Polyolefin

#### Product Description

Hifax TKC 805P E 1750 is a 33% talc filled PP TPO copolymer, with good flowability, and UV resistance, high stiffness and very good impact/stiffness balance. Formula is improved to offer better aspect, especially on tiger stripes. The product is available in different color matched, pellet form. This grade is delivered in 1750 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, UV resistance, stiffness, impact/stiffness balance, scratch resistance.
Typical Customer Applications	Used for automotive exterior trims and outdoor/exterior applications.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	14	g/10 min
Density (23 °C)	ISO 1183-1/A	1.15	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	20	MPa
Tens.Strain at Break	ISO 527-1, -2	25	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2600	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	35	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	3	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature A (10 N)	ISO 306	138	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	60	°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.

