



## 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                                                                           |     |
| Availability                  | Europe                                                                               | (1) |
| 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 affect the quality of this product
- Keep material completely dry for good processing.

#### Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.