

## Technical Data Sheet

### Hifax TKC 805P E 1750



Polypropylene Compounds

#### Product Description

Hifax TKC 805P E 1750 is a 33% talc filled PP TPO copolymer, with good flowability, 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 anthracite color version.

#### Regulatory Status

For regulatory compliance information, see Hifax TKC 805P E 1750 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Status            | Commercial: Active                              |
| Availability      | Europe                                          |
| Application       | Exterior Automotive Applications; Exterior Trim |
| Market            | Automotive                                      |
| Processing Method | Injection Molding                               |
| Attribute         | Good Flow; Good UV Resistance; High Stiffness   |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 14            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.15          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 2600          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 20            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C)                          | 25            | %                 | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 35            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 3             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Vicat Softening Temperature, (A50)                        | 138           | °C                | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 60            | °C                | ISO 75A-1, -2 |

#### Notes

These are typical property values not to be construed as specification limits.