



## Hifax TKC 407P C1V301

### Compounded Polyolefin

#### Product Description

Hifax TKC 407P C1V301 is a 15% talc filled PP copolymer, with good impact/stiffness balance, high UV resistance and good surface appearance. The product is also available as a customized color matched, pellet form. This grade is delivered in C1V301 color version.

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

#### Product Characteristics

|                                      |                                                              |     |
|--------------------------------------|--------------------------------------------------------------|-----|
| <b>Status</b>                        | Commercial                                                   |     |
| <b>Availability</b>                  | Europe                                                       | (1) |
| <b>Processing Method</b>             | Injection molding                                            |     |
| <b>Features</b>                      | impact/stiffness balance, UV resistance, surface appearance. |     |
| <b>Typical Customer Applications</b> | Used for automotive unpainted bumper.                        |     |

| Typical Properties                       | Method        | Value | Unit              |
|------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                          |               |       |                   |
| Melt Flow Rate (230 °C, 2.16 kg)         | ISO 1133      | 10    | g/10 min          |
| Density (23 °C)                          | ISO 1183-1/A  | 1.01  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                        |               |       |                   |
| Tensile Stress at Yield (23 °C)          | ISO 527-1, -2 | 17    | MPa               |
| Tens.Strain at Break                     | ISO 527-1, -2 | 100   | %                 |
| Flexural Modulus (23 °C) Tech. A         | ISO 178/A1    | 1600  | MPa               |
| <b>Impact</b>                            |               |       |                   |
| Charpy Impact Strength, notched (23 °C)  | ISO 179-1/1eA | 50    | kJ/m <sup>2</sup> |
| Charpy Impact Strength, notched (-30 °C) | ISO 179-1/1eA | 4.5   | kJ/m <sup>2</sup> |
| <b>Thermal</b>                           |               |       |                   |
| Vicat Softening Temperature A (10 N)     | ISO 306       | 130   | °C                |
| Heat Deflection Temperature B (0.45 MPa) | ISO 75-1, -2  | 90    | °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.

#### 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.