



## Hifax TKC 220X 1 3001

### Compounded Polyolefin

#### Product Description

Hifax TKC 220X 1 3001 is a less than 15% talc filled PP copolymer, with high impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 3001 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                      | Impact resistance.          |     |
| Typical Customer Applications | Used for automotive bumper. |     |

| 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  | 1.02  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                        |               |       |                   |
| Tensile Stress at Yield (23 °C)          | ISO 527-1, -2 | 19    | MPa               |
| Flexural Modulus (23 °C) Tech. A         | ISO 178/A1    | 1400  | MPa               |
| <b>Impact</b>                            |               |       |                   |
| Charpy Impact Strength, notched (23 °C)  | ISO 179-1/1eA | 50    | kJ/m <sup>2</sup> |
| Charpy Impact Strength, notched (-40 °C) | ISO 179-1/1eA | 3     | kJ/m <sup>2</sup> |
| Izod Impact strength, notched (23 °C)    | ISO 180/1A    | 45    | kJ/m <sup>2</sup> |
| Izod Impact strength, notched (-40 °C)   | ISO 180/1A    | 4     | kJ/m <sup>2</sup> |
| <b>Thermal</b>                           |               |       |                   |
| 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 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.