



## Softell TKG 317N NAT

### Compounded Polyolefin

#### Product Description

Softell TKG 317N NAT is a 25% glass fiber reinforced PP copolymer, with superior dimensional stability, high stiffness, good surface appearance and excellent scratch resistance. Product is available as natural, pellet form.

*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                      | Dimensional stability, scratch resistance, scratch resistance, surface appearance, gloss. |     |
| Typical Customer Applications | Used for aesthtical automotive interior parts.  |     |

| Typical Properties                       | Method        | Value | Unit              |
|--|---------------|-------|-------------------|
| <b>Physical</b>                          |               |       |                   |
| Melt Flow Rate (230 °C, 2.16 kg)         | ISO 1133      | 9.5   | g/10 min          |
| Density (23 °C)                          | ISO 1183-1/A  | 1.09  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                        |               |       |                   |
| Tensile Stress at Yield (23 °C)          | ISO 527-1, -2 | 63    | MPa               |
| Flexural Modulus (23 °C) Tech. A         | ISO 178/A1    | 4500  | MPa               |
| <b>Impact</b>                            |               |       |                   |
| Charpy Impact Strength, notched (23 °C)  | ISO 179-1/1eA | 10    | kJ/m <sup>2</sup> |
| Charpy Impact Strength, notched (-30 °C) | ISO 179-1/1eA | 7.5   | kJ/m <sup>2</sup> |

#### 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.