



## Softell TKG 300N 1 C12546

### Compounded Polyolefin

#### Product Description

Softell TKG 300N 1 C12546 is a less than 30% glass fiber reinforced PP copolymer, with ultra high dimensional stability, very good surface appearance, high stiffness and excellent scratch resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12546 color version.

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

#### Product Characteristics

|                               |  |
|-------------------------------|--|
| Status                        | Commercial   |
| Processing Method             | Injection molding  |
| Features                      | Dimensional stability, surface appearance, stiffness, scratch resistance.  |
| Typical Customer Applications | Used for applications that require excellent aesthetics and applications demanding superior dimensional stability. |

| Typical Properties                       | Method        | Value | Unit              |
|--|---------------|-------|-------------------|
| <b>Physical</b>                          |               |       |                   |
| Melt Flow Rate (230 °C, 2.16 kg)         | ISO 1133      | 6     | g/10 min          |
| Density (23 °C)                          | ISO 1183-1/A  | 1.09  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                        |               |       |                   |
| Flexural Modulus (23 °C) Tech. A         | ISO 178/A1    | 2500  | 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 | 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 affect the quality of this product
- Keep material completely dry for good processing.

