



## Softell TKG 300N 1 C12871

### Compounded Polyolefin

#### Product Description

Softell TKG 300N 1 C12871 is a 25% glass fiber reinforced PP copolymer, with very good UV resistance, good flowability, low gloss, excellent scratch resistance and pleasant soft touch haptics. The product is available in different color matched, pellet form.

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

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	UV resistance, flowability, low gloss, scratch resistance, soft touch haptics.
Typical Customer Applications	Used for automotive interior trims.

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>			
Tens.Strain at Break	ISO 527-1, -2	36	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2500	MPa
Shore Hardness (Type D)	ISO 868	58	-
<b>Impact</b>			
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	7.1	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	35	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	125	°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.

