



## Softell TKG 300N G22452

Compounded Polyolefin

IMDS Number: 35491870

### Product Description

Softell TKG 300N G22452 is a 25% glass fiber reinforced PP copolymer, with excellent scratch resistance and very good impact/stiffness balance. The product is available in different color matched, pellet form. This grade is delivered in G22452 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>	Scratch resistance, impact/stiffness balance.	
<b>Typical Customer Applications</b>	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>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	33	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2500	MPa
<b>Impact</b>			
Izod Impact strength, notched (23 °C)	ISO 180/1A	37	kJ/m <sup>2</sup>
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	7	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	130	°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.