

## Technical Data Sheet

**Softell TKG 300N C12738**

Polypropylene Compounds

**Product Description**

Softell TKG 300N C12738 is a 25% glass fiber reinforced PP copolymer, with superior dimensional stability, good surface appearance, high stiffness, excellent scratch resistance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12738 color version.

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

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Interior Trims
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good UV Resistance; High Stiffness; Low Gloss; Pleasing Surface Appearance; Scratch Resistant

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Density, (23 °C)	1.09	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	2500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	34	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	35	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	7.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	132	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	80	°C	ISO 75A-1, -2

**Notes**

These are typical property values not to be construed as specification limits.