

## 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.

Application	Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good UV Resistance; High Stiffness; Low Gloss; Pleasing Surface Appearance; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
<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.

