

## Technical Data Sheet

**Softell TKG 300N E C11323**

Polypropylene Compounds

**Product Description**

Softell TKG 300N E is a 25% glass fiber reinforced PP copolymer, offering low gloss & excellent surface appearance combined with high scratch resistance. The grade exhibits soft touch haptics and very good dimensional stability. The product reflects the latest advancements in resin synthesis and compounding technology.

Product is available as a customized color matched, pellet form. This grade is delivered in C11323 color version.

This product is also available in other colors, new colors can be developed depending on customer requirements.

<b>Application</b>	Automotive Parts; Instrument Panels; Interior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Excellent Processability; Excellent Stiffness; Good Abrasion Resistance; Good Color Stability; Good Dimensional Stability; Good Surface Finish; High Impact Resistance; High Toughness; Low Gloss; Low Shrinkage; Low to No Odor; Low VOC Emission; Low Warpage; Noise Damping; Pleasing Surface Appearance; Scratch Resistant; Soft; Weldable

<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)	2300	MPa	ISO 178/A1
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	30	kJ/m <sup>2</sup>	ISO 179-1/1eA
(0 °C)	20	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	8	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2