

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.

Regulatory Status

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

Application	Automotive Parts; Instrument Panels; Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Density, (23 °C)	1.09	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2300	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched			
(23 °C)	30	kJ/m ²	ISO 179-1/1eA
(0 °C)	20	kJ/m ²	ISO 179-1/1eA
(-30 °C)	8	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2

Notes

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

