



Softell TKG 300N G82732

Compounded Polyolefin

Product Description

Softell TKG 300N G82732 is a 25% glass fiber reinforced PP copolymer, with outstanding scratch resistance, very low gloss, excellent surface appearance, and soft touch haptics and very good dimensional stability. The product reflects the latest advancements in resin synthesis and compounding technology. The product is also available in other color matched, pellet form. This grade is delivered in G82732 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Scratch resistance, very low gloss, surface appearance, soft touch haptics, high dimensional stability.
Typical Customer Applications	Used for automotive interior trims, that require good balance of stiffness and impact performance and superior dimensional stability, as well as low gloss appearance.

Typical Properties	Method	Value	Unit
Physical			
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 ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2300	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	30	kJ/m ²
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	20	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	8	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	125	°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.

