Technical Data Sheet

Softell TKG 300N G82732

Polypropylene Compounds

Product Description

Softell TKG 300N 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.

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

Regulatory Status

For regulatory compliance information, see *Softell* TKG 300N G82732 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

Status	Commercial: Active
Availability	Europe
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/cm³	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/m²	ISO 179-1/1eA
(0 °C)	20	kJ/m²	ISO 179-1/1eA
(-30 °C)	8	kJ/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

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

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

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

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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