Technical Data Sheet

Softell TKG 442N C13034

Polypropylene Compounds

Product Description

Softell TKG 442N is a 13% glass fiber reinforced PP copolymer, with excellent dimensional stability, good surface appearance, low gloss and excellent scratch resistance. Product is available as a customized color matched, pellet form. This very low warpage grade has been especially designed for aesthetical automotive interior applications. Softell TKG 442N combines soft touch haptics, a matt surface and very good sound dampening. This grade is delivered in C13034 color version.

Regulatory Status

For regulatory compliance information, see Softell TKG 442N C13034 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	Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; Good Impact Resistance; Good Stiffness; Good Surface Finish; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11.5	g/10 min	ISO 1133-1
Density	0.99	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus	>=1800	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched			
(23 °C)	>=15	kJ/m²	ISO 179-1/1eA
(-30 °C)	>=4	kJ/m²	ISO 179-1/1eA
Thermal			
Heat Deflection Temperature B, (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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