



Softell TKG 442N C12897

Compounded Polyolefin

Product Description

Softell TKG 442N C12897 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. Due to pigmentation ash content may vary between 13-17%. This very low warpage grade has been especially designed for aesthetical automotive interior applications. Softell TKG 442N combines softtouch haptics, a matt surface and very good sound dampening. This grade is delivered in C12897 color version.

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

Product Characteristics

Status	Commercial
Availability	Europe ⁽¹⁾
Processing Method	Injection molding
Features	Scratch resistance, surface appearance, low shrinkage, soft touch haptics.
Typical Customer Applications	Used for automotive interior trims requiring excellent surface aspect combined with soft touch.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Density (23 °C)	ISO 1183-1/A	1	g/cm ³
Mechanical			
Tens.Strain at Break	ISO 527-1, -2	12	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2100	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	21	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	6	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	110	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	131	°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.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

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LyondellBasell markets this product through the following entities:

- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyondellbasell.com/>.

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This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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