



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, pelletform. 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 soft touch 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	1.0	g/cm ³
Mechanical			
Tens.Strain at Break	ISO 527-1, -2	30	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2100	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	n.b.	kJ/m ²
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 affect 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.