



Softell TKG 300N 1 C12844

Compounded Polyolefin

Product Description

Softell TKG 300N 1 C12844 is a 25% glass fiber reinforced PP copolymer, with good impact/stiffness balance, excellent scratch resistance, high dimensional stability and very low gloss. The product is available as a customized color matched, pellet form. This grade is delivered in C12844 color version.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Impact/stiffness balance, scratch resistance, dimensional stability, gloss.	
Typical Customer Applications	Used for automotive interior trims.	

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			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	34	MPa
Tens.Strain at Break	ISO 527-1, -2	15	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2500	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	35	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	7.5	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	130	°C
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.

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.