



Softell TKG 2039N C12897

Compounded Polyolefin

Product Description

Softell TKG 2039N C12897 is a 25% glass fiber reinforced PP copolymer, with high UV resistance, very good soft touch haptics, high flowability, high dimensional stability and very high scratch resistance. The product is available in different color matched, pellet form. Due to pigmentation, ash content may vary between 25 -30 %. Material shows low shrinkage and has a very low warpage tendency. 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
Processing Method	Injection molding
Features	UV resistance, soft touch haptics, flowability, high dimensional stability, scratch resistance.
Typical Customer Applications	Used for automotive instrument panel, as well as automotive interior trims.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	11	g/10 min
Density (23 °C)	ISO 1183-1/A	1.09	g/cm ³
Mechanical			
Tens.Strain at Break	ISO 527-1, -2	21	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2500	MPa
Shore Hardness (Type D)	ISO 868	52	-
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	45	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	15	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	135	°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.

