

Technical Data Sheet

Softell TKG 300N C12716

Polypropylene Compounds

Product Description

Softell TKG 300N C12716 is a 25% glass fiber reinforced PP copolymer, with very good dimensional stability, excellent surface appearance, low gloss and excellent scratch resistance. The product is available in different color matched, pellet form. This grade is delivered in C12716 color version.

This product is also available in other colors, new colors can be developed depending on customer requirements.

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	Good Dimensional Stability; Low Gloss; Pleasing Surface Appearance; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Density, (23 °C)	1.09	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	35	kJ/m ²	ISO 179-1/1eA
(-40 °C)	7	kJ/m ²	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180/1A
(-40 °C)	9	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	130	°C	ISO 75B-1, -2

Notes

These are typical property values not to be construed as specification limits.