

Technical Data Sheet

Softell TKG 442N C2 C15217

Polypropylene Compounds

Product Description

Softell TKG 442N C2 C15217 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. This very low warpage grade has been especially designed for aesthetical automotive interior applications. Softell TKG 442N C2 C15217 combines soft touch haptics, a matt surface and very good sound dampening. This grade is delivered in C15217 color version.

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

Application	Automotive Parts; 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)	12	g/10 min	ISO 1133-1
Density, (23 °C)	1.00	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2000	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched			
(23 °C)	15	kJ/m ²	ISO 179-1/1eA
(-30 °C)	6	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	110	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	130	°C	ISO 75B-1, -2