

Technical Data Sheet

Softell TKG 442N C13034

Polypropylene Compounds

Product Description

Softell/TKG 442N 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 combines soft touch haptics, a matt surface and very good sound dampening. This grade is delivered in C13034 color version.

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

Application	Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Processability; Good Impact Resistance; Good Stiffness; Good Surface Finish; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11.5	g/10 min	ISO 1133-1
Density	0.99	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	>=1800	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched			
(23 °C)	>=15	kJ/m ²	ISO 179-1/1eA
(-30 °C)	>=4	kJ/m ²	ISO 179-1/1eA
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2