

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.

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

Notes

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

