

Technical Data Sheet

Softell TKG 317N C12740



Polypropylene Compounds

Product Description

Softell TKG 317N C12740 is a 25% glass fiber reinforced PP copolymer, with excellent stiffness, excellent scratch resistance, high dimensional stability and low gloss. The product is also available as a customized color matched, pellet form. This grade is delivered in C12740 color version.

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

| | |
|-------------------|-------------------|
| Application | Interior Trims |
| Market | Automotive |
| Processing Method | Injection Molding |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 16 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.1 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 4700 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 63 | MPa | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C) | 5 | % | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 10 | kJ/m ² | ISO 179-1/1eA |
| (-30 °C) | 5.5 | kJ/m ² | ISO 179-1/1eA |
| Thermal | | | |
| Vicat Softening Temperature, (A50) | 155 | °C | ISO 306 |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 150 | °C | ISO 75B-1, -2 |