

Technical Data Sheet

Softell TKG 300N D72831

Polypropylene Compounds

Product Description

Softell/TKG 300N D72831 is a 25% glass fiber reinforced PP copolymer, with excellent scratch resistance and very good impact/stiffness balance. The product is available in different color matched, pellet form

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

| | |
|--------------------------|-------------------|
| Application | Interior Trims |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | 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 | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 37 | kJ/m ² | ISO 180/1A |
| (-30 °C) | 7 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 130 | °C | ISO 75B-1, -2 |