

## Technical Data Sheet

### Softell TKG 2039N C1 C12594



Polypropylene Compounds

#### Product Description

Softell TKG 2039N C1 C12594 is a UV stabilised, 25 % glassfiber reinforced thermoplastic polyolefin compound for injection moulding. This grade has been especially designed for aesthetical interior applications. It combines soft touch haptics, good stiffness and toughness balance, a very good sound dampening and an excellent scratch resistance. The grade is available in colour, pellet form.

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| Application       | Interior Trims                                                               |
| Market            | Automotive                                                                   |
| Processing Method | Injection Molding                                                            |
| Attribute         | Good Dimensional Stability; Good UV Resistance; High Flow; Scratch Resistant |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 11            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.09          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 2800          | MPa               | ISO 178/A1    |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 40            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 10            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 130           | °C                | ISO 75B-1, -2 |