

## Technical Data Sheet

### *Softell* TKG 300N NA C12A19 Soul



Polypropylene Compounds

#### Product Description

*Softell* TKG 300N NA C12A19 Soul is a medium melt flow, very high flexural modulus, 25% glassfiber reinforced thermoplastic polyolefin compound for injection molding. It is typically used for aesthetical automotive interior applications.

|                          |   |
|--------------------------|---|
| <b>Application</b>       | Interior Automotive Applications; Soft Touch Applications |
| <b>Market</b>            | Automotive; Compounding                                   |
| <b>Processing Method</b> | Injection Molding   |
| <b>Attribute</b>         | UV Stabilized   |

| Typical Properties                        | Nominal Value | Units             | Test Method   |
|---|---------------|-------------------|---------------|
| <b>Physical</b>                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)          | 8             | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                          | 1.07          | kg/m <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                         |               |                   |               |
| Flexural Modulus, (23 °C)                 | 2239          | MPa               | ISO 178       |
| Tensile Stress at Yield, (23 °C)          | 35.8          | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                             |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C) | 37            | kJ/m <sup>2</sup> | ISO 179       |
| <b>Additional Information</b>             |               |                   |               |
| Mold Shrinkage                            |               |                   | ISO 294-4     |

Please contact LyondellBasell for shrinkage recommendations.