

## Technical Data Sheet

### Softell™ TKG 300N C12616

Polypropylene Compounds



#### Product Description

Softell™ TKG 300N C12616 is a 25% glass fiber reinforced PP copolymer, with very low gloss, excellent emissions, excellent scratch resistance and very low CLTE (Coefficient of Linear Thermal Expansion). Please contact Basell for shrinkage recommendations. The product is available in different color matched, pellet form. This grade is delivered in C12616 color version.

Application	Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good UV Resistance; High Stiffness; Low Gloss; Pleasing Surface Appearance; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	6	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)	2500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	34	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	35	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	7.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	132	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	80	°C	ISO 75A-1, -2

#### Notes

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

