



Softell TKG 300N 1

Compounded Polyolefin

Product Description

Softell TKG 300N is a UV stabilised, 25 % glassfiber reinforced thermoplastic polyolefin compound for injection moulding. This very low warpage grade has been especially designed for aesthetical automotive interior applications. Softell TKG 300N combines soft touch haptics, a matt surface, a very good sound dampening with a high stiffness and an excellent scratch resistance. The grade is available in colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	Pleasing Surface Appearance, Ductile, Low Gloss, High Impact Resistance , Scratch Resistant, Low Shrinkage, Sound Damping

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1,09 g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	6 g/10 min
Mechanical		
Tensile Stress at Break (23 °C)	ISO 527-1, -2	36 MPa
Flexural modulus (23 °C)	ISO 178	2500 MPa
Impact		
Charpy notched impact strength	ISO 179	
(-30°C)		7,5 kJ/m ²
(23°C)		35 kJ/m ²
Hardness		
Shore hardness D	ISO 868/ASTM D 2240	58 / 55
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	125 °C

Notes

Typical properties; not to be construed as specifications.

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- 1 Equistar Chemicals, LP
- 1 Basell Sales & Marketing Company B.V.
- 1 Basell Asia Pacific Limited
- 1 Basell International Trading FZE
- 1 LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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