



Softell TKG 317N

Compounded Polyolefin

Product Description

Softell TKG 317N 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 like boot trim where a very high stiffness is required. Softell TKG 317N combines pleasant haptics, a matt surface, a good sound dampening with a very 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/2.16kg)	ISO 1133	7 g/10 min
Mechanical		
Tensile Stress at Break (23 °C)	ISO 527-1, -2	63 MPa
Flexural modulus	ISO 178	4500 MPa
Impact		
Notched impact strength acN -30>C	ISO 179	7,5 kJ/m ²
Notched impact strength acN 23>C	ISO 179	10 kJ/m ²
Hardness		
Shore hardness D	ISO 868/ASTM D 2240	71 / 69
<i>Note: (3 s / 15 s)</i>		
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	147 °C

Notes

Typical properties; not to be construed as specifications.