

# Softell TKG 317N

Polyolefin  
LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Ductile		
	High Impact Resistance		
	High Stiffness		
	Low Gloss		
	Low Shrinkage		
	Low Warpage		
	Pleasing Surface Appearance		
	Scratch Resistant		
	Sound Damping		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240, ISO 868
Shore D, 3 sec	71		
Shore D, 15 sec	69		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	63.0	MPa	ISO 527-2
Flexural Modulus (23°C)	4500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	7.5	kJ/m <sup>2</sup>	
23°C	10	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa,  
Unannealed)

147

°C

ISO 75-2/B

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

