

Softell TKG 317N

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LyondellBasell Industries

Technical Data

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.

General

Filler / Reinforcement	• 玻璃纤维增强材料, 25% Filler by Weight		
Additive	• 紫外线稳定剂		
Features	• 低光泽 • 低翘曲性 • 高刚性	• 高抗撞击性 • 降噪 • 耐刮擦性	• 收缩性低 • 外观良好 • 延展性
Automotive Specifications	• GM GMW15988P-PP+EPR-GF27 Type E Color: C12616 Jet Black • IMDS ID 35491870 Color: C12616 Jet Black		
Appearance	• 可用颜色		
Forms	• 粒子		
Processing Method	• 注射成型		

Physical	额定值	单位制	测试方法
Density	1.09	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	额定值	单位制	测试方法
Tensile Stress (断裂, 23°C)	63.0	MPa	ISO 527-2
Flexural Modulus (23°C)	4500	MPa	ISO 178
Impact	额定值	单位制	测试方法
Notched Izod Impact Strength			ISO 180
-30°C	7.5	kJ/m²	
23°C	10	kJ/m²	
Hardness	额定值	单位制	测试方法
Durometer Hardness			ASTM D2240 ISO 868
邵氏 D, 3 秒	71		
邵氏 D, 15 秒	69		
Thermal	额定值	单位制	测试方法
Heat Deflection Temperature (0.45 MPa, 未退火)	147	°C	ISO 75-2/B