

Softell TKG 300N G82732

Polypropylene Copolymer

LyondellBasell Industries

Message:

Softell TKG 300N is a 25% glass fiber reinforced PP copolymer, with outstanding scratch resistance, very low gloss, excellent surface appearance, and soft touch haptics and very good dimensional stability. The product reflects the latest advancements in resin synthesis and compounding technology. This product is also available in other colors, new colors can be developed depending on customer requirements. For regulatory compliance information, see Softell TKG 300N G82732 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS). This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Good dimensional stability		
	Low VOC		
	Low warpage		
	Rigid, good		
	Copolymer		
	Gloss, low		
	Noise reduction		
	Impact resistance, high		
	Weldable		
	Workability, good		
	Good color stability		
	Good wear resistance		
	Scratch resistance		
	The smell is low to none		
	Good toughness		
	Soft		
	Low shrinkage		
	Good appearance		
	Excellent appearance		
Uses	Application in Automobile Field		
	Car interior parts		
	Car dashboard		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.09	g/cm ³	ISO 1183/A

Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹ (23°C)	2300	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	8.0	kJ/m ²	ISO 179/1eA
0°C	20	kJ/m ²	ISO 179/1eA
23°C	30	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	125	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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