

Softell TKG 300N C12616

Polypropylene Copolymer

LyondellBasell Industries

Message:

Softell TKG 300N C12616 is a 25% glass fiber reinforced PP copolymer, with very low gloss, excellent emissions, excellent scratch resistance and very low CLTE (Coefficient of Linear Thermal Expansion). Please contact Basell for shrinkage recommendations. The product is available in different color matched, pellet form. This grade is delivered in C12616 color version.

For regulatory compliance information, see Softell TKG 300N C12616 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 CLTE		
	Rigidity, high		
	Copolymer		
	Gloss, low		
	Good UV resistance		
	Scratch resistance		
	Good appearance		
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
Tensile Stress (Yield, 23°C)	34.0	MPa	ISO 527-2
Tensile Strain (Break)	13	%	ISO 527-2
Flexural Modulus ¹ (23°C)	2500	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	7.5	kJ/m ²	ISO 179/1eA
23°C	35	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	132	°C	ISO 306/A
NOTE			

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Recommended distributors for this material

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