

# Softell TKG 300N C12453

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Softell TKG 300N C12453 is a 26% glass fiber reinforced PP copolymer, with good impact resistance, good stiffness, high scratch resistance and low gloss. The product is also available as a customized color matched, pellet form. Please contact Basell for shrinkage recommendations. This grade is delivered in C12453 color version.  
This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 26% filler by weight		
Features	Rigid, good		
	Copolymer		
	Gloss, low		
	High scratch resistance		
	Impact resistance, good		
Uses	Application in Automobile Field		
	Car interior equipment		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.09	g/cm <sup>3</sup>	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 <sup>1</sup> (23°C)	2500	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	5.5	kJ/m <sup>2</sup>	ISO 180/1A
23°C	35	kJ/m <sup>2</sup>	ISO 180/1A
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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