

Softell TKG 300N 1 C12844

Polypropylene Copolymer

LyondellBasell Industries

Message:

Softell TKG 300N 1 C12844 is a 25% glass fiber reinforced PP copolymer, with good impact/stiffness balance, excellent scratch resistance, high dimensional stability and very low gloss. The product is available as a customized color matched, pellet form. This grade is delivered in C12844 color version.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Good dimensional stability		
	Rigid, good		
	Copolymer		
	Gloss, low		
	Impact resistance, good		
Uses	Scratch resistance		
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 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)	15	%	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 (0.45 MPa, Unannealed)	125	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A
NOTE			

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Recommended distributors for this material

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