Softell TKG 2039N NAT

Polypropylene Copolymer

LyondellBasell Industries

Message:

Softell TKG 2039N NAT is a 25% glass fiber reinforced PP copolymer, with very good UV resistance, good flowability, low gloss, excellent scratch resistance and pleasant soft touch haptics. The product is available in different color matched, pellet form. 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	Copolymer			
	Gloss, low			
	Good UV resistance			
	Good liquidity			
	Scratch resistance			
	Soft			
Uses	Application in Automobile Field	Application in Automobile Field		
	Car interior equipment			
Appearance	Natural color			
Forms	Particle			
Processing Method	Injection molding			
Physical	Nominal Value	Unit	Test Method	
Density (23°C)	1.09	g/cm³	ISO 1183/A	
Melt Mass-Flow Rate (MFR) (230°C/2.16				
kg)	11	g/10 min	ISO 1133	
Hardness	Nominal Value	Unit	Test Method	
Durometer Hardness (Shore D)	52		ISO 868	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strain (Break)	21	%	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	15	kJ/m²	ISO 179/1eA	
23°C	45	kJ/m²	ISO 179/1eA	
Thermal	Nominal Value	Unit	Test Method	
Heat Deflection Temperature (1.8 MPa,				
Unannealed)	135	°C	ISO 75-2/A	
NOTE				
1.	1.0 mm/min			

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