

Softell TKG 2039N C12897

Polypropylene Copolymer
LyondellBasell Industries

Message:

Softell TKG 2039N C12897 is a 25% glass fiber reinforced PP copolymer, with high UV resistance, very good soft touch haptics, high flowability, high dimensional stability and very high scratch resistance. The product is available in different color matched, pellet form. Due to pigmentation, ash content may vary between 25 -30 %. Material shows low shrinkage and has a very low warpage tendency. This grade is delivered in C12897 color version. For regulatory compliance information, see Softell TKG 2039N C12897 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Good dimensional stability		
	Low warpage		
	Copolymer		
	High scratch resistance		
	Good UV resistance		
	High liquidity		
	Soft		
	Low shrinkage		
Uses	Application in Automobile Field		
	Car interior equipment		
	Car dashboard		
Appearance	Available colors		
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

