

Softell DKG100N

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Softell DKG100N is a 10% glass filled, thermoplastic polyolefin elastomer compound for injection molding. The grade has been designed primarily for automotive interior applications that require low gloss, soft touch, high rigidity, good impact and scratch and mar resistance.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Features	Rigidity, high		
	Gloss, low		
	Impact resistance, good		
	Scratch resistance		
	Soft		
	ductility		
Uses	Application in Automobile Field		
	Car interior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.960	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	28.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	10	%	ISO 527-2
Flexural Modulus (23°C)	1750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-30°C	10	kJ/m²	ISO 180
23°C	30	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	140	°C	ISO 75-2/B

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

