

Softell DKG250N

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Softell DKG250N is a 25% 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, very high rigidity, impact and good scratch and mar resistance.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	Ductile		
	High Impact Resistance		
	High Rigidity		
	Low Gloss		
	Scratch Resistant		
	Soft		
Uses	Automotive Applications		
	Automotive Interior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.06	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	42.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	12	%	ISO 527-2
Flexural Modulus (23°C)	2750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	20	kJ/m²	
2°C	42	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	142	°C	ISO 75-2/B

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