

Softell DKG100N

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Development
Test Method used	ISO
Processing Methods	Injection Molding
Features	Ductile, Low Gloss, Good Impact Resistance , Scratch Resistant, Soft
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	20	g/10 min
Density (23°C)	ISO 1183	0.96	g/cm ³
Mechanical			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	28	MPa
Tensile Strain at Yield (23°C)	ISO 527-1, -2	10	%
Flexural modulus (23°C)	ISO 178	1750	MPa
Impact			
Notched izod impact strength	ISO 180		
(23°C)		30	kJ/m ²
(-30°C)		10	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	140	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

