

Hifax DKG726P

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax DKG726P medium melt flow, 1,200 MPa flexural modulus, UV-stabilized, glass fiber-reinforced thermoplastic elastomeric olefin (TEO) resin has an excellent balance of stiffness, impact resistance, and durability. It was designed primarily for large-part automotive exterior ornamentation applications.

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	UV Stabilizer		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
	Good Weather Resistance		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Yield)	11	%	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	4.0	kJ/m ²	
23°C	22	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	52.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	5.4E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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