

Keplex® 3320GVS

Polybutylene Terephthalate

Korea Engineering Plastics Co., Ltd

Message:

Keplex® 3320GVS is a polybutene terephthalate (PBT) material, which contains a 20% glass fiber reinforced material. This product is available in North America, Europe or Asia Pacific.

Keplex® The main features of 3320GVS are:

flame retardant/rated flame

Flame Retardant

Heat resistance

Typical application areas include:

Electrical/electronic applications

Automotive Industry

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Heat resistance, medium		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.59	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	22	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	108	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	2.0	%	ASTM D638
Flexural Modulus (23°C)	8340	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	189	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	215	°C	ASTM D648
1.8 MPa, not annealed	210	°C	ASTM D648
Melting Temperature	222	°C	DSC
Flammability	Nominal Value		Test Method
Flame Rating (0.800 mm)	V-0		UL 94

Additional Information

Filler Contents, ASTM D5630, Furnace: 20 %

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