

Kepamid® 1325GVS

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

KEPAMID 1325GVS is a glass fiber 25%-reinforced and flame retardant PA6 grade.
It has strong mechanical properties, heat resistance, and flame retardance.
It is suitable for applications such as automotive, electrical & electronics, and industrial parts.

General Information			
UL YellowCard	E120354-317069		
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Good Heat Resistance		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Industrial components		
	Application in Automobile Field		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	135	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	9000	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	215	°C	ISO 75-2/B
1.8 MPa, not annealed	205	°C	ISO 75-2/A
Melting Temperature ¹	220	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flame Rating (0.8 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature			
--	90	°C	

Dry Air Dryer	80	°C
Drying Time		
--	6.0 - 8.0	hr
Dry Air Dryer	4.0 - 6.0	hr
Suggested Max Moisture	0.050	%
Hopper Temperature	60 - 80	°C
Rear Temperature	250	°C
Middle Temperature	250	°C
Front Temperature	250	°C
Nozzle Temperature	260	°C
Mold Temperature	70 - 90	°C
Back Pressure	0.490 - 0.981	MPa
Screw Speed	80 - 120	rpm

NOTE

1. 10°C/min

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Recommended distributors for this material

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