

Kepamid® 1325GF

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

Kepamid® 1325GF is a Polyamide 6 (Nylon 6) material filled with 25% glass fiber. It is available in Asia Pacific, Europe, or North America.

Important attributes of Kepamid® 1325GF are:

Flame Rated

Heat Resistant

High Stiffness

Typical applications include:

Automotive

Electrical/Electronic Applications

General Information			
UL YellowCard	E120354-220470		
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	High Heat Resistance		
	High Stiffness		
Uses	Automotive Applications		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	142	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	7260	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	216	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	220	°C	
1.8 MPa, Unannealed	208	°C	
Melting Temperature	220	°C	DSC
Flammability	Nominal Value		Test Method
Flame Rating (0.800 mm)	HB		UL 94

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Recommended distributors for this material

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