

# Kepamid® 1333GF

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

Kepamid® 1333GF is a Polyamide 6 (Nylon 6) material filled with 33% glass fiber. It is available in Asia Pacific, Europe, or North America.

Important attributes of Kepamid® 1333GF are:

Flame Rated

Heat Resistant

High Stiffness

Typical applications include:

Automotive

Electrical/Electronic Applications

Engineering/Industrial Parts

Tanks

General Information			
UL YellowCard	E120354-220470		
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	High Heat Resistance		
	High Stiffness		
Uses	Automotive Applications		
	Electrical Parts		
	Tanks		
	Valves/Valve Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm <sup>3</sup>	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)	167	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	8830	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	245	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	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	210	°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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