

# Kepamid® 1320GMH

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

Kepamid® 1320GMH is a Polyamide 6 (Nylon 6) material filled with 20% glass\mineral. It is available in Asia Pacific, Europe, or North America.

Important attributes of Kepamid® 1320GMH are:

Flame Rated

Good Aesthetics

Heat Resistant

Heat Stabilizer

Typical applications include:

Automotive

Housings

General Information			
Filler / Reinforcement	Glass\Mineral,20% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Surface Finish		
	Good Thermal Stability		
	Heat Stabilized		
Uses	Automotive Under the Hood		
	Housings		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	25	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)	93.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus (23°C)	5390	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
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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