

# Kepamid® 1330GFS

Polyamide 6

Korea Engineering Plastics Co., Ltd

## Message:

Kepamid 1330GFS is a 30% glass fiber reinforced and impact modified polyamide-6.

Mechanical, thermal properties, and impact strength are good.

It is applicable to automotive, electrical, electronic, and industrial parts.

General Information			
UL YellowCard	E120354-220470		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Impact Modifier		
Features	High Impact Resistance		
	Impact Modified		
Uses	Automotive Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
	Industrial Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	117		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	141	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.7	%	ASTM D638
Flexural Modulus (23°C)	8530	MPa	ASTM D790
Flexural Strength (23°C)	220	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	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
Injection	Nominal Value	Unit	
Hopper Temperature	230 to 250	°C	
Rear Temperature	230 to 250	°C	

Middle Temperature	230 to 250	°C
Front Temperature	230 to 250	°C
Nozzle Temperature	230 to 250	°C
Mold Temperature	40.0 to 100	°C

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