Kepamid® 1330GF

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

Kepamid 1330GF is a 30% glass fiber reinforced polyamide-6.
Mechanical and thermal properties 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		
Features	Good Thermal Stability		
Uses	Automotive Applications Electrical Parts Electrical/Electronic Applications Industrial Applications		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.35	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	10	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)	157	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus (23°C)	8630	MPa	ASTM D790
Flexural Strength (23°C)	245	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	110	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
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

Recommended distributors for this material

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