

Kepamid® 1315GF

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

Kepamid 1315GF is a 15% 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,15% Filler by Weight		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Industrial Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	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)	108	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	5490	MPa	ASTM D790
Flexural Strength (23°C)	177	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	215	°C	
1.8 MPa, Unannealed	205	°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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

