

Kepamid® 2315GVS

Polyamide 66

Korea Engineering Plastics Co., Ltd

Message:

KEPAMID 2315GVS is a 15% glass fiber reinforced and flame retardant polamide-66.

Flame resistance recognized as UL94 V-0 rating with good mechanical and thermal properties.

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

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Features	Flame Retardant		
Uses	Automotive Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
	Industrial Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.00 mm)	0.60 to 1.2	%	ASTM D955
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)	2.0	%	ASTM D638
Flexural Modulus (23°C)	6960	MPa	ASTM D790
Flexural Strength (23°C)	186	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
Melting Temperature	260	°C	DSC
Flammability	Nominal Value		Test Method
Flame Rating (0.800 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Hopper Temperature	260 to 290	°C	
Rear Temperature	260 to 290	°C	
Middle Temperature	260 to 290	°C	
Front Temperature	260 to 290	°C	
Nozzle Temperature	260 to 290	°C	

Mold Temperature	40.0 to 100	°C
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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

