

Kepamid® 2325GFS

Polyamide 66

Korea Engineering Plastics Co., Ltd

Message:

KEPAMID 2325GFS is a 25% glass fiber reinforced polyamide-66 designed for extrusion. It exhibits good extrusion characteristics, mechanical properties, and thermal properties. It is applicable to extrusion application of automotive, electrical, electronic, and industrial parts.

General Information			
UL YellowCard	E120354-220471		
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	Good Impact Resistance		
Uses	Automotive Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
	Industrial Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	16	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	98.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.5	%	ASTM D638
Flexural Modulus (23°C)	6080	MPa	ASTM D790
Flexural Strength	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	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)	HB		UL 94
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	260 to 300	°C	
Cylinder Zone 2 Temp.	260 to 300	°C	
Cylinder Zone 3 Temp.	260 to 300	°C	
Cylinder Zone 4 Temp.	260 to 300	°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

