

Kepamid® 1525SM7

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

Kepamid 1525SM7 is a 25% mineral filled, reinforced, and impact modified polyamide-6.

It exhibits low warpage, good thermal properties, and good impact strength.

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

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Features	Good Impact Resistance		
	Low Warpage		
Uses	Automotive Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
	Industrial Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	53.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	9.0	%	ASTM D638
Flexural Modulus (23°C)	46000	MPa	ASTM D790
Flexural Strength (23°C)	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	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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Recommended distributors for this material

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