

Kepamid® 2300ST

Polyamide 66

Korea Engineering Plastics Co., Ltd

Message:

KEPAMID 2300ST is a high impact modified nylon66.

Mechanical and thermal property are good.

It is applicable for automobile, electronic and electrical applications.

General Information			
Additive	Impact Modifier		
Features	Good Impact Resistance		
	Impact Modified		
Uses	Automotive Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	50.0	MPa	ISO 527-2
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	1850	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	75	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C	ISO 75-2/A
Melting Temperature	260	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flame Rating (0.800 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	< 0.20	%	
Hopper Temperature	260 to 270	°C	
Rear Temperature	260 to 270	°C	

Middle Temperature	265 to 275	°C
Front Temperature	270 to 280	°C
Nozzle Temperature	270 to 285	°C
Mold Temperature	60.0 to 80.0	°C

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