Kepamid® 2300SE

Polyamide 66

Korea Engineering Plastics Co., Ltd

Message:

KEPAMID 2300SE is an 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		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.11	g/cm³	ISO 1183
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	114		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	25	%	ISO 527-2
Flexural Modulus	2520	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	15	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	67.0	°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	265 to 275	°C
Nozzle Temperature	265 to 275	°C
Mold Temperature	60.0 to 80.0	°C

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