

Kepamid® 1300CRH

Polyamide 6

Korea Engineering Plastics Co., Ltd

Message:

KEPAMID 1300CRH is unfilled lubricated and fast cycle nylon6. It is applicable for fast cycle of automobile, electric, electronic and consumer parts.

General Information			
UL YellowCard	E120354-314852		
Additive	Lubricant		
Features	Fast Molding Cycle		
	Lubricated		
Uses	Automotive Applications		
	Electrical Parts		
	Industrial Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage (3.00 mm)	0.90 to 1.0	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	83.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2900	MPa	ISO 178
Flexural Stress	110	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	195	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A
Melting Temperature	220	°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	%
Rear Temperature	220 to 230	°C
Middle Temperature	230 to 240	°C
Front Temperature	230 to 240	°C
Nozzle Temperature	230 to 250	°C
Mold Temperature	60.0 to 80.0	°C

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