Kepamid® 2340GFS

Polyamide 66

Korea Engineering Plastics Co., Ltd

Message:

KEPAMID 2340GFS is a glass fiber 40%-reinforced and impact-modified PA66 grade.
It has high stiffness and heat and impact resistance.
It is suitable for automotive, electrical & electronics, and industrial parts.

General Information			
UL YellowCard	E120354-220471		
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Additive	Impact modifier		
Features	Impact modification Rigidity, high Impact resistance, high Heat resistance, high		
Uses	Electrical/Electronic Applications Industrial components Application in Automobile Field		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.40	g/cm³	ISO 1183
shrinkage-Flow (3.00 mm)	0.50 - 0.80	%	Internal method
Water Absorption (Equilibrium, 23°C, 50% RH)	0.70	%	ISO 62
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	111		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress	160	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	9240	MPa	ISO 178
Flexural Stress	230	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	22	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	260	°C	ISO 75-2/B
1.8 MPa, not annealed	255	°C	ISO 75-2/A

Melting Temperature [1]	260	°C	ISO 11357-3
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	1.0E+15	ohms·cm	IEC 60093
Relative Permittivity (1 MHz)	3.50		IEC 60250
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (0.8 mm)	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature			
--	90	°C	
Dry Air Dryer	80	°C	
Drying Time			
--	6.0 - 8.0	hr	
Dry Air Dryer	4.0 - 6.0	hr	
Suggested Max Moisture	0.050	%	
Hopper Temperature	60 - 80	°C	
Rear Temperature	280	°C	
Middle Temperature	285	°C	
Front Temperature	285	°C	
Nozzle Temperature	290	°C	
Mold Temperature	70 - 90	°C	
Back Pressure	0.490 - 0.981	MPa	
Screw Speed	80 - 120	rpm	
NOTE			
1.	10°C/min		

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