

PA66 | KEPAMID 2333GFH | Glass fiber reinforced grade

- KEPAMID 2333GFH is a glass fiber 33%-reinforced and thermal-stabilized PA66 grade.
- It has high stiffness and long-term heat stability at high temperatures.
- It is suitable for automotive, electrical & electronics, and industrial parts.

Physical properties	Test Standard	Unit	Value
Filler contents	ISO 1172	%	33
Specific gravity	ISO 1183	-	1.40
Water absorption(23 °C, 50 %RH)	ISO 62	%	0.5~0.9

Mechanical properties	Test Standard	Unit	Value
Tensile stress	ISO 527	MPa	200
Elongation at break	ISO 527	%	2.8
Tensile modulus	ISO 527	MPa	10300
Flexural strength	ISO 178	MPa	290
Flexural modulus	ISO 178	MPa	10000
Charpy impact strength(Notched) @ 23°C	ISO 179/1eA	kJ/m ²	11.0
Charpy impact strength(Notched) @ -30°C	ISO 179/1eA	kJ/m ²	8.5
Rockwell Hardness(R-Scale)	ISO 2039	-	121

Thermal properties	Test Standard	Unit	Value
Melting point(10 °C/min)	ISO 11357	°C	260
Heat deflection temperature(0.45 MPa)	ISO 75	°C	260
Heat deflection temperature(1.8 MPa)	ISO 75	°C	250
Flammability(t = 0.8 mm)	UL 94	Class	HB

Electrical properties	Test Standard	Unit	Value
Permittivity(1 MHz)	IEC 60250	-	3.7
Volume resistivity	IEC 60093	Ω/ cm	10 ¹⁵

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