

PA6 | KEPAMID 1315GFH | Glass fiber reinforced grade

- KEPAMID 1315GFH is a glass fiber 15%-reinforced and thermal-stabilized PA6 grade.
- It has high mechanical properties and strong long-term heat resistance at high temperatures.
- It is suitable for applications such as automotive, electrical & electronics, and industrial parts.

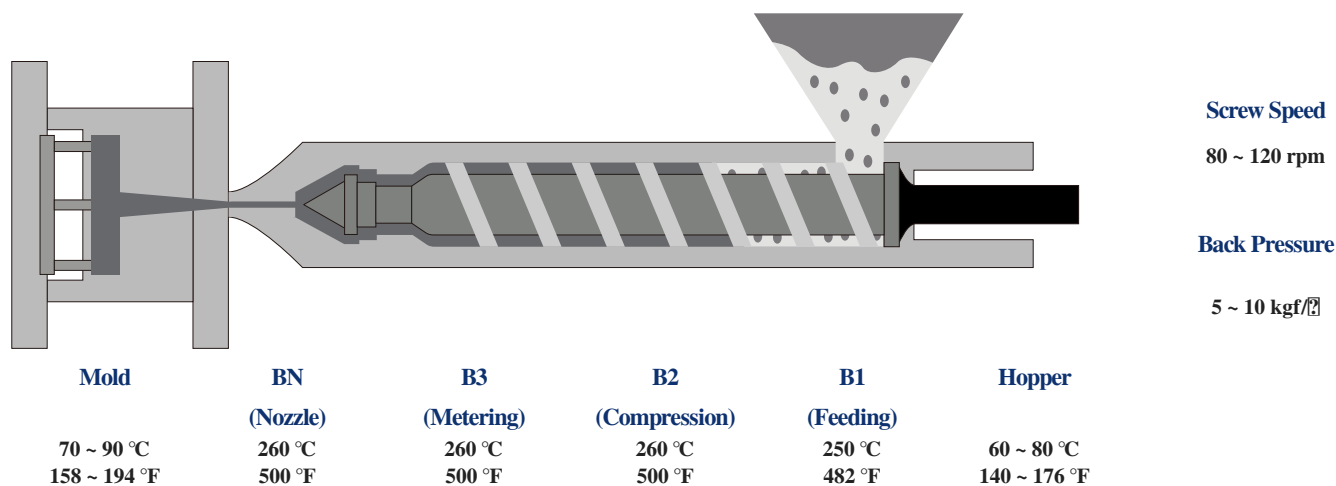
Physical properties	Test Standard	Unit	Value
Filler contents	ISO 1172	%	15
Specific gravity	ISO 1183	-	1.25
Water absorption(23 °C, 50 %RH)	ISO 62	%	1.3~1.7

Thermal properties	Test Standard	Unit	Value
Melting point (10 °C/min)	ISO 11357	°C	220
Heat deflection temperature (0.45 MPa)	ISO 75	°C	220
Heat deflection temperature (1.8 MPa)	ISO 75	°C	200
Flammability (t = 0.8 mm)	UL 94	Class	HB

Mechanical properties	Test Standard	Unit	Value
Tensile modulus	ISO 527	MPa	6,300
Tensile stress	ISO 527	MPa	120
Strain at break	ISO 527	%	3.0
Flexural strength	ISO 178	MPa	170
Flexural modulus	ISO 178	MPa	5,900
Charpy impact strength(Notched) @ 23 °C	ISO 179/1eA	kJ/m ²	8.5
Rockwell Hardness(R-Scale)	ISO 2039	-	120

Electrical properties	Test Standard	Unit	Value
Volume resistivity	IEC 62631-3-2	Ω·cm	10 ¹⁵
Permittivity (1 MHz)	IEC 60250	-	3.8

Injection molding condition



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