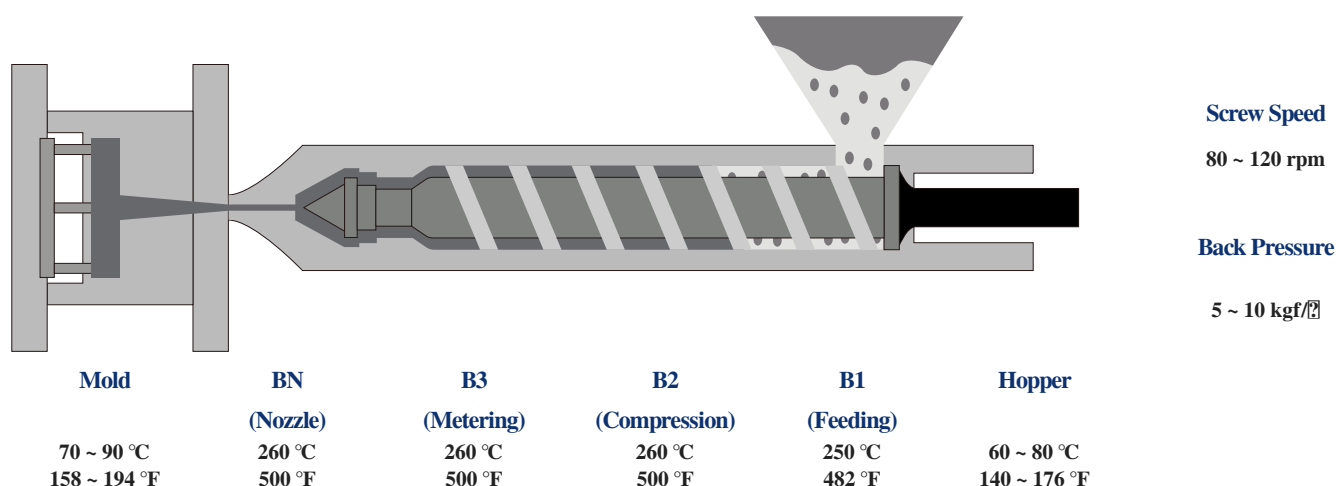


PA6 | KEPAMID 1310GSU | Glass fiber reinforced grade

- KEPAMID 1310GSU is a GF 8%-reinforced, impact-modified, and UV-stabilized PA6 grade.
- It features strong mechanical properties, impact strength, and UV and heat resistance.
- It is suitable for applications such as automotive, electrical & electronics, and industrial parts.

Physical properties	Test Standard	Unit	Value
Filler contents	ISO 1172	%	8
Specific gravity	ISO 1183	-	1.15
Water absorption(23 °C, 50 %RH)	ISO 62	%	1.45
Mold shrinkage(Flow direction,Φ = 100 mm, t = 3 mm)	KEP Method	%	0.6~0.7
Thermal properties	Test Standard	Unit	Value
Melting point (10 °C/min)	ISO 11357	°C	220
Heat deflection temperature (0.45 MPa)	ISO 75	°C	205
Heat deflection temperature (1.8 MPa)	ISO 75	°C	190
Flammability (t = 0.8 mm)	UL 94	Class	HB
Mechanical properties	Test Standard	Unit	Value
Tensile stress	ISO 527	MPa	77
Strain at break	ISO 527	%	4.0
Flexural strength	ISO 178	MPa	110
Flexural modulus	ISO 178	MPa	3,300
Charpy impact strength(Notched) @ 23 °C	ISO 179/1eA	kJ/m ²	7.5
Rockwell Hardness(R-Scale)	ISO 2039	-	112
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



Contact information

Headquarters : T Tower 10F, 30, Sowol-ro 2-gil, Jung-gu, Seoul, Republic of Korea (04637) / TEL: +82-2-6952-8377

KPAC China : Room T2-903C, No.2 building. SOHO Tianshan Plaza. No.1717 Tianshan Rd. Changning District. Shanghai. China /
Tel +86 21 6237-1972, Telefax +86 21 6237-1803

Research Center : Wavetech B/D, 7F, 15, Iljik-ro 94gil, Anyang city, Republic of Korea (13901) / TEL: +82-31-436-1300

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