

PA6 | KEPAMID 1325GVS | Flame retardant grade(V-0)

- KEPAMID 1325GVS is a glass fiber 25%-reinforced and flame retardant PA6 grade.
- It has strong mechanical properties, heat resistance, and flame retardance.
- It is suitable for applications such as automotive, electrical & electronics, and industrial parts.

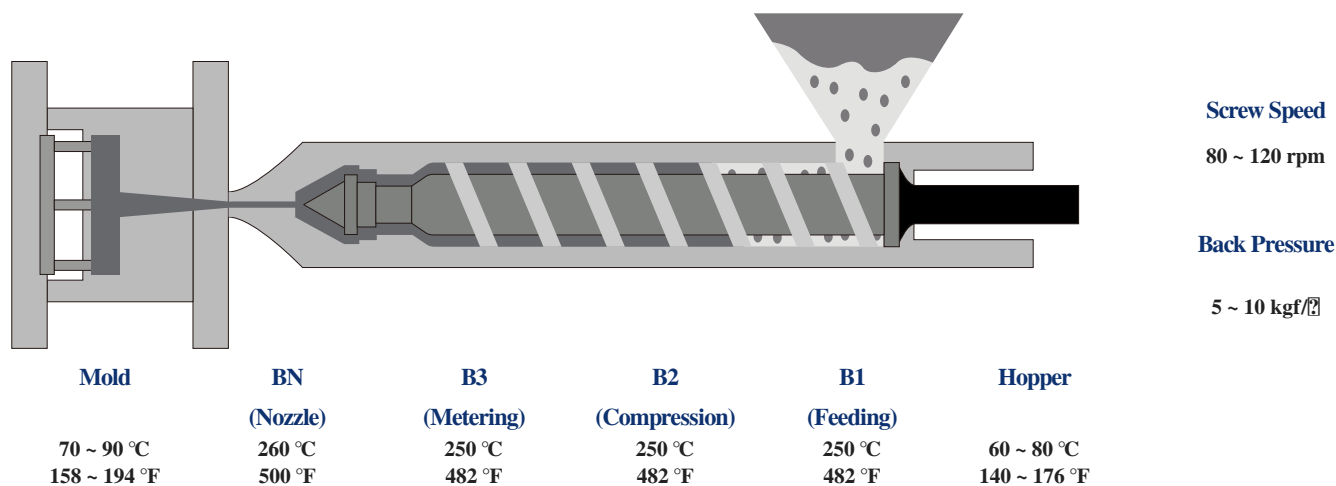
Physical properties	Test Standard	Unit	Value
Filler contents	ISO 1172	%	25
Specific gravity	ISO 1183	-	1.58
Water absorption(23 °C, 50 %RH)	ISO 62	%	-
Mold shrinkage(Flow direction,Φ = 100 mm, t = 3 mm)	KEP Method	%	

Thermal properties	Test Standard	Unit	Value
Melting point (10 °C/min)	ISO 11357	°C	220
Heat deflection temperature (0.45 MPa)	ISO 75	°C	215
Heat deflection temperature (1.8 MPa)	ISO 75	°C	205
Flammability (t = 0.8 mm)	UL 94	Class	V-0

Mechanical properties	Test Standard	Unit	Value
Tensile modulus	ISO 527	MPa	
Tensile stress	ISO 527	MPa	135
Strain at break	ISO 527	%	2.0
Strain at break	ISO 527	%	
Flexural strength	ISO 178	MPa	200
Flexural modulus	ISO 178	MPa	9,000
Charpy impact strength(Notched) @ 23 °C	ISO 179/1eA	kJ/m ²	8.0
Rockwell Hardness(R-Scale)	ISO 2039	-	120

Electrical properties	Test Standard	Unit	Value
-----------------------	---------------	------	-------

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

Disclaimer

Notice to users : The information contained in this data sheet is based on our current knowledge and experience, so it may change as new knowledge and experience becomes available. This information is based on only above-mentioned product produced in Korea Polyacetal Co., Ltd. ("KPAC") through relevant test methods and conditions and doesn't relate to any products made of this product with the inclusion of other additives, such as processing aids or colorants. This information should not be construed as a promise or guarantee of specific properties of this product described or its suitability for a particular application, so users make their own determination as to its suitability to their purposes prior to use this product. It is the sole responsibility of the users to investigate whether any existing patents are infringed by the use of this product. This product is not intended for use in medical and dental implants and users should meet all safety and health standards. KPAC makes no warranty and assumes no liability in connection with any use of this information.