

PA6 | KEPAMID 1533GFU | 玻纤增强牌号

- KEPAMID 1533GFU 是玻纤30%增强，耐UV的PA6树脂。
- 具有较高的机械性能，耐热性和耐UV性能。
- 适用于汽车，电子&电器，工业等部件。

物理性能	测试标准	单位	数值
填充比例	ISO 1172	%	30
比重	ISO 1183	-	1.37
吸水率(23 °C, 50 % RH)	ISO 62	%	1.25
收缩率(流动方向, $\Phi = 100 \text{ mm}$, $t = 3 \text{ mm}$)	KEP Method	%	0.3~0.5

机械性能	测试标准	单位	数值
拉伸强度	ISO 527	MPa	180
断裂伸长率	ISO 527	%	3.0
弯曲强度	ISO 178	MPa	260
弯曲模量	ISO 178	MPa	9,500
简支梁缺口冲击强度	ISO 179	kJ/m ²	11.5
洛氏硬度(R-scale)	ISO 2039	-	120

热性能	测试标准	单位	数值
熔点(10 °C/min)	ISO 11357	°C	220
热变形温度(0.45 MPa)	ISO 75	°C	220
热变形温度(1.8 MPa)	ISO 75	°C	210
燃烧性($t = 0.8 \text{ mm}$)	UL 94	-	HB

电性能	测试标准	单位	数值
介电常数 (1 MHz)	IEC 60250	-	3.8
体积电阻率	IEC 60093	$\Omega \cdot \text{cm}$	10^{15}

Revision No. : 2(2015-06-04)

注塑条件



预干燥 (建议最大吸水率为: 0.05 %)

推荐干燥条件: 80 °C, 4 ~ 6 h, 除湿干燥机

推荐干燥条件: 90 °C, 6 ~ 8 h, 热风干燥机

温度

模具温度: 70 °C ~ 90 °C

料筒温度: 250 °C ~ 260 °C

模具	Bn (喷嘴)	B3 (计量)	B2 (压缩)	B1 (喂料)	料斗
70 ~ 90 °C	260 °C	250 °C	250 °C	250 °C	60 ~ 80 °C

塑化

螺杆转速: 80 ~ 120 rpm

背压: 5 ~ 10 kgf/cm²

联系方式

总部

Mapo-daero 119 (Gongdeok-dong),

Mapo-gu, Seoul, Korea

Tel 82-2-707-6840 ~ 8, Telefax 82-2-714-9235

KEP Europe GmbH

Rheingastrasse 190-196 D-65203 Wiesbaden

Germany

Tel +49 (0)611 962-7381, Telefax +49 (0)611 962-9132

KEP 美国

106 North Denton Tap Road Suite 210-202 Coppell,

TX 75019, USA

Tel +1 888 KEPITAL, Telefax +1 888 537-3291

KEP 中国

上海市长宁区遵义路 100 号虹桥南丰城 A1905

Tel +86 21 6237-1972, Telefax +86 21 6237-1803

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 Engineering Plastics Co., Ltd. ("KEP") 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. KEP makes no warranty and assumes no liability in connection with any use of this information.