

PPA | KEPAMID 6150GFH | 玻纤增强牌号

- KEPAMID-PPA 6150GFH是50%玻纤增强PPA牌号
- 适用于汽车、电子电器或者对优秀的机械强度和耐热性有需求的部件

物理性能	测试标准	单位	数值
填充比例	ISO 1172	%	50
比重	ISO 1183	-	1.65
吸水率(23 °C, 50 % RH)	ISO 62	%	0.3
收缩率(流动方向, $\Phi = 100 \text{ mm}$, $t = 3 \text{ mm}$)	KEP Method	%	0.2-0.6

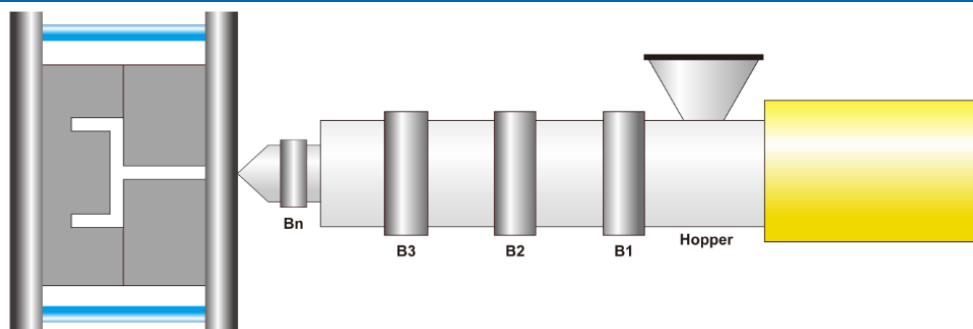
机械性能	测试标准	单位	数值
拉伸强度	ISO 527	MPa	275
断裂伸长率	ISO 527	%	2.1
弯曲强度	ISO 178	MPa	405
弯曲模量	ISO 178	MPa	18000
简支梁缺口冲击强度	ISO 179	kJ/m ²	14.0
洛氏硬度(R-scale)	ISO 2039	-	-

热性能	测试标准	单位	数值
熔点(10 °C/min)	ISO 11357	°C	310
热变形温度(1.8 MPa)	ISO 75	°C	280
线性膨胀系数	ISO 11359	X10 ⁻⁵ / °C	1.5-4.5
燃烧性(t= 0.8 mm)	UL 94	-	HB

电性能	测试标准	单位	数值
介电常数 (1 MHz)	IEC 60250	-	4.5
耗散因数 (1 MHz)	IEC 60250		0.001
表面电阻率	IEC 60093	Ω	10 ¹⁶
体积电阻率	IEC 60093	$\Omega \cdot \text{cm}$	10 ¹⁵
介电强度	IEC 60243	KV/mm	28

Revision No. : 1 (2015-02-13)

注塑条件



预干燥 (建议最大吸水率为: 0.1 %)

推荐干燥条件: 90 °C, 8 h, 除湿干燥机

推荐干燥条件: 120 °C, 4 h, 除湿干燥机

温度

模具温度: 130°C ~ 150 °C

料筒温度: 310°C ~ 340 °C

模具	Bn (喷嘴)	B3 (计量)	B2 (压缩)	B1 (喂料)	料斗
130 ~ 150 °C	320 ~ 340 °C	315 ~ 340 °C	310 ~ 335 °C	310 ~ 330 °C	60 ~ 80 °C

塑化

螺杆转速:

背压:

联系方式

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