



技术数据表 TECHNICAL DATASHEET

产品名称: PA1030GF		色号:		
Product name		Color		
产品描述: PA6 30% Glass Fiber				
性能	测试标准	测试条件	单位	数值
Property	Standard	Condition	Unit	Value
物理性能				
Physical Property				
成型收缩率 Mold Shrinkage	ISO 294-4	23℃	%	0.2-0.5
比重 Specific Gravity	ISO 1183/A	23℃	g/cm ³	1.36
机械性能				
Mechanical Property				
拉伸强度 Tensile Strength	ISO 527	50mm/min	Mpa	160
断裂伸长率 Elongation at Break	ISO 527	50mm/min	%	2
弯曲强度 Flexural Strength	ISO 178	60mm, 2mm/min	Mpa	220
弯曲模量 Flexural Modulus	ISO 178	60mm, 2mm/min	Mpa	7,200
Charpy缺口冲击强度 Charpy Notched Impact Str.	ISO 179	4mm, 4J	kJ/m ²	12
Charpy无缺口冲击强度 Charpy Unnotched Impact Str.	ISO 179	4mm, 4J	kJ/m ²	60
热性能				
Thermal Property				
热变形温度 Heat deflection temperature	ISO 75	0.46MPa	℃	/
	ISO 75	1.82MPa	℃	200
阻燃性能				
Flammability Property				
阻燃性能 Flammability	UL94		1.6mm	HB
加工工艺				
Processing				
干燥温度 Drying Temperature			℃	80-120
干燥时间 Drying Time			hrs	4-8
料筒温度 Cylinder Temperature			℃	220-240
模具温度 Mold Temperature			℃	80

* 以上数据为本公司内部实验室测试数据, 仅供参考, 不作为正式质保承诺数据。

Note: The information in the datasheet that is based on testing results of internal lab is accurate and reliable, but it is just for reference and not for guarantee.