



名称: 阻燃PA66GF30
 牌号: F070830 (V0)

产品简介 Product Description	主要应用 Applications
environmental protection halogen compounds as flame retardant, with 30% glass fiber	excellent mechanical property, good processability and other excellent features.
environmentally friendly flame retardant reinforced polyamide material	Switch, circuit breaker, low voltage electrical appliances shell

性能 Properties	测试标准 Test Method	测试条件 Test Condition	单位 Unit	典型值 Typical Values
物理性能 Physical properties				
密度 Specific Gravity	ISO 1183	23°C	g/cm ³	1.58
机械性能 Mechanical properties				
拉伸强度 Tensile Strength	ISO 527	50mm/min	MPa	135
弯曲强度 Flexural Strength	ISO 178	2mm/min	MPa	175
弯曲模量 Flexural Modulus	ISO 178	2mm/min	MPa	9000
简支梁缺口冲击强度 Charpy Notched Impact Strength	ISO 179-1eA	23°C	kJ/m ²	9
简支梁无缺口冲击强度 Charpy Unnotched Impact Strength	ISO 179-1eU	23°C	kJ/m ²	65
热性能 Thermal properties				
热变形温度 Heat deflection temperature	ISO 75	1.8MPa	C	215
熔点 Melting Point	DSC	—	C	262
其它性能 Other properties				
收缩率 Mold Shrinkage	internal test method	48 hours after tool	%	0.4-0.7
阻燃性 Flammability	UL 94	—	3.0 mm	V0

说明: 以上数据是典型值, 不是保证值。根据模具设计, 例如浇口类型, 浇口分布, 浇口数量的不同, 注塑工艺和制件厚度的不同, 测试结果会有波动。不同的颜色, 测试结果也会有波动。

Note: The data above is typical value for reference, not guarantee value. The data will vary with tool design such as gate type, gate location, gate number, injection molding process and part thickness. The data will vary with different color as well.

典型加工条件 Processing Conditions	参考范围 Range
熔体温度 Melt Temperature	250-280℃
模具温度 Mold Temperature	50-80℃
预干燥 Pre-Dry needed	110℃, 4-8h

说明: 以上数值仅供注塑机参考使用, 可根据不同机型、不同模具以及产品要求, 对上述工艺做适当调整。

Note: The above process condition is only for reference. The actual process should be adjusted according to different type of machine, mold design and product design.