



名称: 阻燃PA66  
 牌号: F0108-02 (V0)

产品简介 Product Description	主要应用 Applications
Flame retardant, environmental protection, halogen-free PA66	Electical/Electoronic Applicacion connectors
Long term heat and weather resistance	Good mold release/ Good Flow

性能 Properties	测试标准 Test Method	测试条件 Test Condition	单位 Unit	典型值 Typical Values
<b>物理性能 Physical properties</b>				
密度 Specific Gravity	ISO 1183	23°C	g/cm <sup>3</sup>	1.15
<b>机械性能 Mechanical properties</b>				
拉伸强度 Tensile Strength	ISO 527	50mm/min	MPa	75
弯曲强度 Flexural Strength	ISO 178	2mm/min	MPa	110
弯曲模量 Flexural Modulus	ISO 178	2mm/min	MPa	2750
简支梁缺口冲击强度 Charpy Notched Impact Strength	ISO 179-1eA	23°C	kJ/m <sup>2</sup>	4
简支梁无缺口冲击强度 Charpy Unnotched Impact Strength	ISO 179-1eU	23°C	kJ/m <sup>2</sup>	90
<b>热性能 Thermal properties</b>				
热变形温度 Heat deflection temperature	ISO 75	1.8Mpa	C	62
<b>其它性能 Other properties</b>				
收缩率 Mold Shrinkage	internal test method	48 hours after tool	%	1.2-1.6
阻燃性 Flammability	UL 94	—	0.4 mm	V0
阻燃性 Flammability	UL 94	—	0.8mm	V0
阻燃性 Flammability	UL 94	—	1.6mm	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	90℃, 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.