

JinSu SF75 HF

PC+ABS

Product Description: Halogen-free Flame-retardant PC/ABS, 1.6mm V-0

Features: Good heat resistance, good impact strength, crack-resistant screw bosses, medium flowability

Applications: Industrial applications, electronics & electrical appliances, battery housings, etc

Colors: Natural/Standard Black/Custom Colors

Processing Method: Injection Molding

特性 Properties	测试标准 Standard	测试条件 Condition	单位 Unit	数值 Value
物理性能 Physical Properties				
密度 Density	ISO 1183	23°C	g/cm ³	1.20
熔融指数 Melt Flow Rate	ISO 1133	260°C 2.16kg	g/10min	12
成型收缩率 Mold Shrinkage	ISO 294	3.2 mm	%	0.5-0.7
机械性能 Mechanical Properties				
拉伸强度 Tensile Strength	ISO 527	50 mm/min	Mpa	58
断裂伸长率 Elongation at Break	ISO 527	50 mm/min	%	40
弯曲强度 Flexural Strength	ISO 178	2 mm/min	Mpa	85
弯曲模量 Flexural Modulus	ISO 178	2 mm/min	Mpa	2200
简支梁冲击 Notched Charpy Impact	ISO 179-1eA	23°C	KJ/m ²	45
热性能 Thermal Properties				
热变形温度 Heat Deflection Temp.	ISO 75-2/A	1.8 Mpa 120°C/h	°C	102
维卡软化点温度 Vicat softening Temp.	ISO 306/B120	50N 120°C/h	°C	110
阻燃性 Flammability				
阻燃 Flammability	UL-94	1.6mm	Class	V-0

1) 上述数据是在温度 23°C，湿度 50% 的条件下测得，数据为实验典型值，不作正式质保承诺。Above values are measured at 23°C and in RH 50% on injection molded specimens. These values are typical values only, not specifications.

2) 颜色产品的数据可能略有变化。In case of colored products, these figures might vary slightly.



加工工艺 Processing Information	单位 Unit	C6210
射嘴 Nozzle	°C	265-270
料筒温度 前段 Front	°C	265-270
Barrel Temp. 中段 Middle	°C	260-265
后段 Rear	°C	240-245
模具温度 Mold Temperature	°C	30-50
背压压力 Back Pressure	Mpa	0.35~ 1
螺杆速度 Screw Speed	Rpm	25~75
干燥温度 Drying Temperature	°C	90
干燥时间 Drying Time	h	3-4

以上工艺参数仅供参考，具体要根据产品、注塑机和模具进行适当调整。

The above data is only for reference. Exact settings have to follow the product, injection machine and mold.