

JinSu SA FR

ABS

Product Description:Flame-retardant ABS,2.0mm V-0

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

Applicat ions : Industrial applications,electron ics&electrical appliances,battery housings,etc

Colors:Natural/Standard Black

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℃	g/cm ³	1.20
熔融指数 Melt Flow Rate	ISO 1133	260℃ 2.16kg	g/10min	18
成型收缩率 Mold Shrinkage	ISO 294	3.2 mm	%	0.4-0.7
机械性能 Mechanical Properties				
拉伸强度 Tensile Strength	ISO 527	50 mm/ min	Mpa	47
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	65
弯曲模量 Flexural Modulus	ISO 178	2 mm/ min	Mpa	2300
悬臂梁缺口冲击 Izod Notched Impact	ISO 180	23℃	J/m	140
热性能 Thermal Properties				
热变形温度 Heat Deflection Temp.	ISO 75-2/A	1.8 Mpa 120℃/h	℃	80
维卡软化点温度 Vicat softening Temp.	ISO 306/B120	50N 120℃/h	℃	88
阻燃性 Flammability				
阻燃 Flammability	UL-94	2.0mm	Class	V-0

1)上述数据是在温度 23℃，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℃ 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	SA FR
料筒温度 Barrel Temp.	射嘴 Nozzle	°C	210-220
	前 段 Front	°C	210-220
	中段 Middle	°C	200-210
	后 段 Rear	°C	190-210
模具温度 Mold Temperature		°C	30-40
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	80
干燥时间 Drying Time		h	2-4

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.