



技术数据表

TECHNICAL DATASHEET

产品名称: PA1200FZ Product name		色号: Color:		
产品描述: PA6 Flame retardant grade				
性能 Property	测试标准 Standard	测试条件 Condition	单位 Unit	数值 Value
物理性能 Physical Property				
成型收缩率 Mold Shrinkage	ASTM D955	23℃	%	0.8-1.2
比重 Specific Gravity	ASTM D792	23℃	g/cm ³	1.18
机械性能 Mechanical Property				
拉伸强度 Tensile Strength	ASTM D638	50mm/min	Mpa	70
断裂伸长率 Elongation at Break	ASTM D638	50mm/min	%	3
弯曲强度 Flexural Strength	ASTM D790	50mm, 2mm/min	Mpa	100
弯曲模量 Flexural Modulus	ASTM D790	50mm, 2mm/min	Mpa	3,000
Charpy缺口冲击强度 Charpy Notched Impact Str.	ASTM D6110	3.2mm, 4J	kJ/m ²	5
Charpy无缺口冲击强度 Charpy Unnotched Impact Str.	ASTM D6110	3.2mm, 4J	kJ/m ²	60
热性能 Thermal Property				
热变形温度 Heat deflection temperature	ASTM D648	0.46MPa	℃	/
	ASTM D648	1.82MPa	℃	50
阻燃性能 Flammability Property				
灼热丝可燃性指数 Glow Wire Flammability Index	IEC 60695-2-11	1.0mm	℃	960
阻燃性能 Flammability	UL94	1.6mm	/	V0
加工工艺 Processing				
干燥温度 Drying Temperature			℃	80-120
干燥时间 Drying Time			hrs	6-8
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.