



技术数据表 TECHNICAL DATASHEET

产品名称: ABS 100FL		色号: /		
Product name		Color		
产品描述: 环保阻燃, 冲击强度高。 Product description: Flame retardance, good impact property.				
性能	测试标准	测试条件	单位	数值
Property	Standard	Condition	Unit	Value
物理性能				
Physical Property				
成型收缩率 Mold Shrinkage	ASTM D955		%	0.5-0.7
比重 Specific Gravity	ASTM D792	23℃	g/cm ³	1.16-1.20
熔融指数 Melt Index	ASTM D1238	220℃,10KG	g/10min	25-35
机械性能				
Mechanical Property				
拉伸强度 Tensile Strength	ASTM D638	50mm/min	Mpa	38
断裂伸长率 Elongation at Break	ASTM D638	50mm/min	%	>10
弯曲强度 Flexural Strength	ASTM D790	50mm, 2mm/min	Mpa	60
弯曲模量 Flexural Modulus	ASTM D790	50mm, 2mm/min	Mpa	2,200
Charpy缺口冲击强度 Charpy Notched Impact Str.	ASTM D6110	3.2mm, 4J	kJ/m ²	20
Charpy无缺口冲击强度 Charpy Unnotched Impact Str.	ASTM D6110	3.2mm, 4J	kJ/m ²	NB
热性能				
Thermal Property				
热变形温度 Heat deflection temperature	ASTM D648	1.82MPa	℃	76
阻燃性能				
Flammability Property				
阻燃性能 Flammability	UL94		3.2mm	V-2
加工工艺				
Processing				
干燥温度 Drying Temperature			℃	80-90
干燥时间 Drying Time			hrs	4-6
料筒温度 Cylinder Temperature			℃	180-210
模具温度 Mold Temperature			℃	40-70

* 以上数据为实验典型值, 不作正式质保承诺数据, 仅供参考。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.

* 颜色产品的数据可能略有变化。The data may be variant if the product is precolored.