



技术数据表

TECHNICAL DATASHEET

产品名称: PP 1020GF(V)		色号: /		
Product name		Color		
产品描述: 20%玻璃纤维增强PP				
Production Description: 20% glass fiber reinforced PP				
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	ASTM D955		%	0.6-0.8
Mold Shrinkage				
比重	ASTM D792	23℃	g/cm ³	1.04±0.02
Specific Gravity				
熔融指数	ASTM D1238	230℃, 2.16KG	g/10min	10-15
Melt Index				
机械性能				
Mechanical Property				
拉伸强度	ASTM D638	50mm/min	Mpa	58
Tensile Strength				
断裂伸长率	ASTM D638	50mm/min	%	<5
Elongation at Break				
弯曲强度	ASTM D790	50mm, 2mm/min	Mpa	75
Flexural Strength				
弯曲模量	ASTM D790	50mm, 2mm/min	Mpa	3,500
Flexural Modulus				
Charpy缺口冲击强度	ASTM D6110	3.2mm, 4J	kJ/m ²	12
Charpy Notched Impact Str.				
Charpy无缺口冲击强度	ASTM D6110	3.2mm, 4J	kJ/m ²	55
Charpy Unnotched Impact Str.				
热性能				
Thermal Property				
热变形温度	ASTM D648	1.82MPa	℃	140
Heat deflection temperature				
阻燃性能				
Flammability Property				
阻燃性能	UL94		3.2mm	HB
Flammability				
加工工艺				
Processing				
干燥温度			℃	/
Drying Temperature				
干燥时间			hrs	/
Drying Time				
料筒温度			℃	190-220
Cylinder Temperature				
模具温度			℃	60-90
Mold Temperature				

* 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.