



## 技术数据表

## TECHNICAL DATASHEET

<b>产品名称: ABS 1020GF</b>		<b>色号: /</b>		
<b>Product name</b>		<b>Color</b>		
产品描述: ABS, 20%玻璃纤维增强, 注塑品级				
Product description: ABS, 20% glass fiber reinforced, injection moulding grade				
<b>性能</b>	<b>测试标准</b>	<b>测试条件</b>	<b>单位</b>	<b>数值</b>
<b>Property</b>	<b>Standard</b>	<b>Condition</b>	<b>Unit</b>	<b>Value</b>
<b>物理性能</b>				
<b>Physical Property</b>				
成型收缩率	ASTM D955		%	0.3-0.5
Mold Shrinkage				
比重	ASTM D792	23℃	g/cm <sup>3</sup>	1.18-1.22
Specific Gravity				
熔融指数	ASTM D1238	220℃, 10KG	g/10min	5-10
Melt Index				
<b>机械性能</b>				
<b>Mechanical Property</b>				
拉伸强度	ASTM D638	50mm/min	Mpa	70
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	105
Flexural Strength				
弯曲模量	ASTM D790	50mm, 2mm/min	Mpa	5,000
Flexural Modulus				
Charpy缺口冲击强度	ASTM D6110	3.2mm, 4J	kJ/m <sup>2</sup>	8
Charpy Notched Impact Str.				
Charpy无缺口冲击强度	ASTM D6110	3.2mm, 4J	kJ/m <sup>2</sup>	25
Charpy Unnotched Impact Str.				
<b>热性能</b>				
<b>Thermal Property</b>				
热变形温度	ASTM D648	1.82MPa	℃	94
Heat deflection temperature				
<b>加工工艺</b>				
<b>Processing</b>				
干燥温度			℃	80-90
Drying Temperature				
干燥时间			hrs	4-6
Drying Time				
料筒温度			℃	200-230
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.