



## 技术数据表

## TECHNICAL DATASHEET

<b>产品名称: PA2121GM</b>		<b>色号:</b>		
<b>Product name</b>		<b>Color</b>		
<b>产品描述: PA66 30% Glassfiber &amp; mineral, flame retardant grade</b>				
<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 Mold Shrinkage	ASTM D955	23℃	%	0.2-0.4
比重 Specific Gravity	ASTM D792	23℃	g/cm <sup>3</sup>	1.58
<b>机械性能</b>				
<b>Mechanical Property</b>				
拉伸强度 Tensile Strength	ASTM D638	50mm/min	Mpa	130
断裂伸长率 Elongation at Break	ASTM D638	50mm/min	%	2
弯曲强度 Flexural Strength	ASTM D790	50mm, 2mm/min	Mpa	230
弯曲模量 Flexural Modulus	ASTM D790	50mm, 2mm/min	Mpa	8,500
Charpy缺口冲击强度 Charpy Notched Impact Str.	ASTM D6110	3.2mm, 4J	kJ/m <sup>2</sup>	6
Charpy无缺口冲击强度 Charpy Unnotched Impact Str.	ASTM D6110	3.2mm, 4J	kJ/m <sup>2</sup>	40
<b>热性能</b>				
<b>Thermal Property</b>				
热变形温度 Heat deflection temperature	ASTM D648	0.46MPa	℃	/
	ASTM D648	1.82MPa	℃	230
<b>阻燃性能</b>				
<b>Flammability Property</b>				
阻燃性能 Flammability	UL94		1.6mm	V0
<b>加工工艺</b>				
<b>Processing</b>				
干燥温度 Drying Temperature			℃	80-120
干燥时间 Drying Time			hrs	4-8
料筒温度 Cylinder Temperature			℃	260-280
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.