



## 技术数据表 TECHNICAL DATASHEET

<b>产品名称: PP FT20S</b>		<b>色号: /</b>		
<b>Product name</b>		<b>Color</b>		
产品描述: 20%矿粉填充PP Product description: PP filled with 20% mineral				
<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		%	0.8-1.1
比重 Specific Gravity	ASTM D792	23℃	g/cm <sup>3</sup>	1.04±0.02
熔融指数 Melt Index	ASTM D1238	230℃, 2.16KG	g/10min	10-15
<b>机械性能</b>				
<b>Mechanical Property</b>				
拉伸强度 Tensile Strength	ASTM D638	50mm/min	Mpa	22
断裂伸长率 Elongation at Break	ASTM D638	50mm/min	%	>20
弯曲强度 Flexural Strength	ASTM D790	50mm, 2mm/min	Mpa	32
弯曲模量 Flexural Modulus	ASTM D790	50mm, 2mm/min	Mpa	1,200
Charpy缺口冲击强度 Charpy Notched Impact Str.	ASTM D6110	3.2mm, 4J	kJ/m <sup>2</sup>	5
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	℃	92
<b>阻燃性能</b>				
<b>Flammability Property</b>				
阻燃性能 Flammability	UL94		3.2mm	HB
<b>加工工艺</b>				
<b>Processing</b>				
干燥温度 Drying Temperature			℃	/
干燥时间 Drying Time			hrs	/
料筒温度 Cylinder Temperature			℃	190-220
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.