

**玻纤增强PPS ZX60**  
**GlassFiber Reinforced PPS ZX60**
**产品信息**
**General Information**

<b>特点</b> <b>Features</b>	·60%复合增强 ·尺寸稳定 ·高强度 ·高耐热 ·60% Composite Reinforced ·Excellent Dimensional Stability ·High Rigidity ·High HDT
<b>应用</b> <b>Uses</b>	·电器 ·汽车零部件 ·Electronics ·Automobile parts
<b>RoHS信息</b> <b>RoHS Compliance</b>	·通过RoHS要求 ·RoHS Compliant
<b>形态</b> <b>Forms</b>	·粒子 ·Pellets
<b>加工方法</b> <b>Processing Method</b>	·注塑 ·Injection Molding

**产品性能**
**Product Properties**

<b>物理性能</b> <b>Physical</b>	<b>测试标准</b> <b>Test standard</b>	<b>测试条件</b> <b>Test Condition</b>	<b>单位</b> <b>Unit</b>	<b>典型值</b> <b>Nominal value</b>
密度 Specific Gravity	ISO 1183	23°C,50%H	g/cm <sup>3</sup>	1.82
成型收缩率 Mold Shrinkage	ISO 294	23°C,50%H	%	0.2-0.4
<b>力学性能</b> <b>Mechanical</b>				
拉伸强度 Tensile Strength	ISO 527	50mm/min	MPa	120
断裂伸长率 Tensile Elongation	ISO 527	50mm/min	%	1.0
弯曲强度 Flexural Strength	ISO 178	2.0mm/min	MPa	210
弯曲模量 Flexural Modulus	ISO 178	2.0mm/min	MPa	15000
悬臂梁缺口冲击强度 Izod Notched Impact Strength	ISO 180	23°C,50%H	KJ/m <sup>2</sup>	7
<b>热性能</b> <b>Thermal</b>				
热变形温度 H.D.T未退火 Heat Deflection Temperature	ISO 75	1.80MPa	°C	255
<b>阻燃性</b> <b>Flammability</b>				
垂直燃烧 Vertical Flammability	UL-94	23°C,50%H	Class	V-0

**注塑信息**
**Injection**

干燥温度 Drying Temperature	100-120°C
----------------------------	-----------

干燥时间 Drying Time	2-4h
后段温度 Rear Temperature	270°C-290°C
中段温度 Middle Temperature	280°C-300°C
前段温度 Front Temperature	290°C-310°C
喷嘴温度 Nozzle Temperature	310°C-330°C
模温 Mold Temperature	100°C-150°C

---

**备注:**

**Note:**

---

1. 所有数据基于本色或特定颜色，仅供选型参考。  
All the data are based on uncolored grades or selected colors, provided for reference in grade selection only.
2. 样条测试前经过23°C 24h的预处理。  
Test Bars pretreated 24h under 23°C before testing.

创合新材料科技江苏有限公司  
Chuanghe New Material Technology Jiangsu Co., LTD