

**玻纤增强ABS SG20**  
**GlassFiber Reinforced ABS SG20**
**产品信息**
**General Information**

<b>特点</b> <b>Features</b>	·20%玻纤增强 ·尺寸稳定 ·高强度 ·高耐热 ·20% GlassFiber 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>	1.20
熔体流动速率 Melt flow rate	ISO 1133	g/10min	220°C/10kg	7
成型收缩率 Mold Shrinkage	ISO 294	23°C,50%H	%	0.3-0.7
<b>力学性能</b> <b>Mechanical</b>				
拉伸强度 Tensile Strength	ISO 527	50mm/min	MPa	95
断裂伸长率 Tensile Elongation	ISO 527	50mm/min	%	1.5
弯曲强度 Flexural Strength	ISO 178	2.0mm/min	MPa	130
弯曲模量 Flexural Modulus	ISO 178	2.0mm/min	MPa	6500
悬臂梁缺口冲击强度 Izod Notched Impact Strength	ISO 180	23°C,50%H	KJ/m <sup>2</sup>	8
<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	98
<b>阻燃性</b> <b>Flammability</b>				
水平燃烧 Horizontal Flammability	UL-94	23°C,50%H	Class	HB

**注塑信息**
**Injection**

干燥温度 Drying Temperature	60-80°C
干燥时间 Drying Time	2-4h
后段温度 Rear Temperature	190°C-210°C
中段温度 Middle Temperature	200°C-230°C
前段温度 Front Temperature	220°C-240°C
喷嘴温度 Nozzle Temperature	230°C-260°C
模温 Mold Temperature	60°C-80°C

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**备注:**

**Note:**

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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.

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