



技术数据表

TECHNICAL DATASHEET

| | | | | |
|--------------------------------------------------------|-----------------|------------------|-------------------|--------------|
| 产品名称: PA1630GF-H | | 色号: 黑色 | | |
| Product name | | Color | | |
| 产品描述: PA6 30% glass fiber, heat resistant grade | | | | |
| 性能 | 测试标准 | 测试条件 | 单位 | 数值 |
| Property | Standard | Condition | Unit | Value |
| 物理性能 | | | | |
| Physical Property | | | | |
| 模收缩率 Molding Shrinkage | ISO 294-4 | 23°C | % | 0.2-0.5 |
| 比重 Specific Gravity | ISO 1183/A | 23°C | g/cm ³ | 1.35 |
| 机械性能 | | | | |
| Mechanical Property | | | | |
| 拉伸强度 Tensile Strength | ISO 527 | 50mm/min | Mpa | 160 |
| 断裂伸长率 Elongation at Break | ISO 527 | 50mm/min | % | 4 |
| 弯曲强度 Flexural Strength | ISO 178 | 60mm, 2mm/min | Mpa | 230 |
| 弯曲模量 Flexural Modulus | ISO 178 | 60mm, 2mm/min | Mpa | 8,000 |
| Charpy缺口冲击强度 Charpy Notched Impact Str. | ISO 179 | 4mm, 4J | kJ/m ² | 12 |
| Charpy无缺口冲击强度 Charpy Unnotched Impact Str. | ISO 179 | 4mm, 4J | kJ/m ² | 90 |
| 热性能 | | | | |
| Thermal Property | | | | |
| 热变形温度 Heat deflection temperature | ISO 75 | 0.45MPa | °C | / |
| | ISO 75 | 1.82MPa | °C | 200 |
| 阻燃性能 | | | | |
| Flammability Property | | | | |
| 阻燃性能 Flammability | UL94 | | 1.6mm | HB |
| 加工工艺 | | | | |
| Processing | | | | |
| 干燥温度 Drying Temperature | | | °C | 80-120 |
| 干燥时间 Drying Time | | | hrs | 4-8 |
| 料筒温度 Cylinder Temperature | | | °C | 220-240 |
| 模具温度 Mold Temperature | | | °C | 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.