



PA6G15NC201

聚酰胺 6+15%玻纤

| 产品信息 General Information | | |
|---|---|--------------------------|
| 产品描述 Product Describe | 15% 玻璃纤维增强聚酰胺 6 15% Glass Fiber Reinforced PA6 | |
| 产品等级 Grade | 增强级 Reinforced | |
| 外观 Appearance | 粒状,本色 Pellet, Nature Color | |
| 产品性能参数 Data Sheet | | |
| 项目 Item | 典型性能 Typical Characteristic | 测试标准 Testing Standard |
| 机械性能 Mechanical Properties | | |
| 拉伸强度 Tensile Strength | 130 MPa | ISO527, 50mm/min |
| 断裂伸长率 Elongation at break | 3.5% | ISO527, 50mm/min |
| 弯曲强度 Flexural Strength | 177 MPa | ISO178, 2mm/min |
| 弯曲模量 Flexural Modulus | 4739 MPa | ISO178, 2mm/min |
| 简支梁缺口冲击强度 Charpy Impact notched | 8.6 KJ/m ² | ISO179 |
| 简支梁无缺口冲击强度 Charpy Impact unnotched | 78 KJ/m ² | ISO179 |
| 洛氏硬度 Rockwell Hardness | 117 | ISO2039/2 |
| 热性能 Thermal Properties | | |
| 热变形温度 Heat Distortion Temp. | 0.45MPa 1.81MPa | ISO75 195 °C |
| 熔点 Melting Point | 220 °C | ISO3146C |
| 电性能 Electrical Properties | | |
| 体积电阻率 Volume Resistant | | IEC93 |
| 表面电阻率 Surface Resistant | 10 ¹² Ω | IEC93 |
| 介电强度 Dielectric Strength | | IEC 60243-3 |
| 电痕化指数 Comp Track Index | | IEC 60112 |
| 其它 Others | | |
| 密度 Specific Gravity | 1.24 g/cm ³ | ISO1183 |
| 灰分 Ash Content | 15 | ISO3451-4 |
| 吸水率 Water Absorption | ≈2.3 | ISO62 |
| 模塑收缩率 Mold Shrinkage | 0.3 / 0.8 | ISO294-4 |
| 燃烧性能 | | |
| UL 垂直燃烧 Flammability | HB | UL-94 |
| 灼热丝可燃指数 Glow-wire Flammability Index | | IEC 60695-2-12 |