

物性参数
Physical parameter

202207版

| 产品名称 Description | PA6 | | 牌号 Grade | FR212A | | |
|--|-------------------|---------------------|-------------------------|------------------------|-----------------------|--|
| 颜色 Color | N | 样品处理 handling | 23℃、24h | 测试环境: Environment | 23℃、50%RH | |
| 检测项目 Properties | 单位 Unit | 测试标准 Test method | 测试条件: Test condition | 物性指标 Physical Index | 典型值 Typical values | |
| 物理性能 Physical property | | | | | | |
| 密度 Density | g/cm ³ | ISO1183 | - | 1.2±0.02 | 1.2 | |
| 燃烧残余 Ignition Residue | % | ISO3451-1/A | - | <6 | 4 | |
| 材料收缩率 Material Shrinkage Rate | % | ISO294-4 | 平行 Parallel | 1.0±0.1 | 1 | |
| | | | 垂直 Vertical | 1.5±0.1 | 1.5 | |
| 热学性能 Thermal property | | | | | | |
| 熔体流动速率 Melt Flow Index | g/10min | ISO1133 | 250℃, 2.16kg | 11±3 | 10.6 | |
| 机械性能 Mechanical property | | | | | | |
| 拉伸强度 Tensile Stress at Break | MPa | ISO527 | 50mm/min | 65±5 | 67 | |
| 断裂伸长率 Elongation at Break | % | ISO527 | 50mm/min | 10±5 | 10 | |
| 弯曲强度 Flexural strength | MPa | ISO178 | 2mm/min | 65±5 | 65 | |
| 弯曲弹性模量 Flexural Modulus | MPa | ISO178 | 2mm/min | 1800±100 | 1840 | |
| 简支梁缺口冲击强度 Notched Impact Strength | kJ/m ² | ISO179-1 | - | 10±2 | 11 | |
| 燃烧性能 Flammability | | | | | | |
| UL 燃烧等级 Flame Retardancy | Class | UL-94 | - | 1.6mm V0 | 1.6mm V0 | |
| 使用说明 Usage suggestions | | | | | | |
| 建议烘干温度/时间Recommend drying temperature /time | - | ℃/h | - | 80-100/4-6 | - | |
| 建议注塑成型温度Recommend injection molding temperature | - | ℃ | - | 230-250 | - | |
| 注 Note: | | | | | | |
| 1. 以上数据依据我司实验室测试结果, 仅供选材参考 The above data are laboratory test results, as reference only. | | | | | | |
| 2. 物性指标: 产品物理性能参考标准 Physical: Product physical performance reference standard | | | | | | |
| 3. 典型值: 具有代表性的实验室实测数据 Typical values: Representative actual test results. | | | | | | |