



## 技术数据表

## TECHNICAL DATASHEET

|                                           |                  |                    |                   |                |
|-------------------------------------------|------------------|--------------------|-------------------|----------------|
| 产品名称:<br>Product name                     |                  | PC/ABS 5288F HP FR |                   | 色号: /<br>Color |
| 性能<br>Property                            | 测试标准<br>Standard | 测试条件<br>Condition  | 单位<br>Unit        | 数值<br>Value    |
| 物理性能<br>Physical Property                 |                  |                    |                   |                |
| 成型收缩率<br>Mold Shrinkage                   | ASTM D955        |                    | %                 | 0.5-0.7        |
| 熔融指数<br>Melt Index                        | ASTM D1238       | 240℃/5KG           | g/10min           | 21             |
| 比重<br>Specific Gravity                    | ASTM D792        | 23℃                | g/cm <sup>3</sup> | 1.18           |
| 机械性能<br>Mechanical Property               |                  |                    |                   |                |
| 拉伸强度<br>Tensile Strength                  | ASTM D638        | 50mm/min           | Mpa               | 60             |
| 断裂伸长率<br>Elongation at Break              | ASTM D638        | 50mm/min           | Mpa               | >30            |
| 弯曲强度<br>Flexural Strength                 | ASTM D790        | 50mm, 2mm/min      | Mpa               | 90             |
| 弯曲模量<br>Flexural Modulus                  | ASTM D790        | 50mm, 2mm/min      | Mpa               | 2,400          |
| Izod缺口冲击强度<br>Izod Notched Impact Str.    | ASTM D256        | 3.2mm, 4J          | J/m               | 650            |
| Izod无缺口冲击强度<br>Izod Unnotched Impact Str. | ASTM D256        | 3.2mm, 4J          | J/m               | NB             |
| 热性能<br>Thermal Property                   |                  |                    |                   |                |
| 维卡软化温度<br>Vicat softening temperature     | ASTM D648        | 50℃/H              | ℃                 | 105            |
| 热变形温度<br>Heat deflection temperature      | ASTM D648        | 1.82MPa            | ℃                 | 93             |
| 阻燃性能<br>Flammability Property             |                  |                    |                   |                |
| 阻燃性能<br>Flammability                      | UL94             | 1.5mm              | grade             | V0             |
| 加工工艺<br>Processing                        |                  |                    |                   |                |
| 干燥温度<br>Drying Temperature                |                  |                    | ℃                 | 80-90          |
| 干燥时间<br>Drying Time                       |                  |                    | hrs               | 4-6            |
| 料筒温度<br>Cylinder Temperature              |                  |                    | ℃                 | 240-280        |
| 模具温度<br>Mold Temperature                  |                  |                    | ℃                 | 60-80          |

\* 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.