

Painting Grade 涂装型  
TOYOLAC™ 100 MPK

**FEATURE 特点**  
High Flow

**APPLICATION 用途**  
Automotive Parts

高流动性

汽车配件, 一般应用

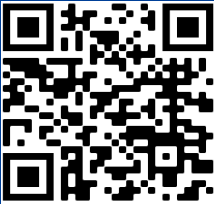
**TECHNICAL DATA SHEET 技术数据表**

| PROPERTY<br>性能                                         | TEST METHOD<br>测试方法 | TEST CONDITION<br>测试条件 | UNITS<br>单位 | TOYOLAC™<br>100 MPK |
|--------------------------------------------------------|---------------------|------------------------|-------------|---------------------|
| Physical Properties 物理性能                               |                     |                        |             |                     |
| Density<br>密度                                          | ISO 1183            | 23 °C                  | kg/m³       | 1030                |
| Melt Flow Rate<br>流动系数                                 | ISO 1133            | 220 °C / 10 kg         | g/10 min    | 35                  |
| Mold Shrinkage<br>成型收缩率                                | ASTM D955           | 23 °C / 50% RH         | %           | 0.4 – 0.6           |
| Glass Content<br>玻纤含量                                  | –                   | –                      | –           | –                   |
| Mechanical Properties 机械性能                             |                     |                        |             |                     |
| Charpy Impact Strength,<br>Notched<br>Charpy 耐冲击强度, 缺口 | ISO 179/1eA         | 23 °C / 50% RH         | kJ/m²       | 21                  |
| Tensile Strength<br>拉伸强度-降伏点                           | ISO 527             | 50 mm / min            | MPa         | 46                  |
| Tensile Elongation at<br>Break<br>拉伸伸长率-断裂点            | ISO 527             | 50 mm / min            | %           | 18                  |
| Tensile Modulus<br>拉伸模数                                | ISO 527             | 1 mm / min             | MPa         | 2300                |
| Flexural Strength<br>弯曲强度                              | ISO 178             | 2 mm / min             | MPa         | 68                  |
| Flexural Modulus<br>弯曲模数                               | ISO 178             | 2 mm / min             | MPa         | 2200                |
| Thermal Properties 热性能                                 |                     |                        |             |                     |
| Deflection Temperature<br>Under Load<br>热变形温度          | ISO 75              | 1.8 MPa / 120 °C/hr    | °C          | 78                  |
| Appearance 表面                                          |                     |                        |             |                     |
| Glossiness<br>光泽度                                      | –                   | –                      | –           | –                   |
| Light Transmittance<br>光线透光率                           | –                   | –                      | –           | –                   |
| Haze<br>模糊系数                                           | –                   | –                      | –           | –                   |
| Flammability 燃烧性                                       |                     |                        |             |                     |
| Flammability<br>燃烧性                                    | –                   | –                      | –           | –                   |

**Note:** The above values are typical data for the products under specific test conditions and not intended for use as limiting specifications.  
[ 以上数据谨代表在特定条件下所得的测定值的代表例 ]

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