

# UMG ABS.Ltd.

TECHNOLOGY DEPARTMENT

## 物 性 表

商 标 (TRADEMARK) : Cicolac®

品 级 (GRADE) : 3001G

特 性 (CHARACTERISTIC) : 通用级 (General Purpose) 耐疲劳 (Fatigue)

| 性能项目<br>Property               | 测试方法<br>Test Method | 测试条件<br>Condition      | 单位<br>Unit                           | 3001G   |
|--------------------------------|---------------------|------------------------|--------------------------------------|---------|
| 冲击强度<br>Charpy Impact Strength | I S O 1 7 9         | 23degreeC              | kJ/m <sup>2</sup>                    | 28      |
|                                |                     | -30degreeC             |                                      | 9       |
| 拉伸强度<br>Tensile Strength       | I S O 5 2 7         | 23degreeC<br>50mm/min  | MPa                                  | 45      |
| 拉伸模量<br>Tensile Modulus        |                     | 23degreeC<br>1mm/min   | MPa                                  | 2350    |
| 弯曲强度<br>Flexural Strength      | I S O 1 7 8         | 23degreeC<br>2mm/min   | MPa                                  | 72      |
| 弯曲模量<br>Flexural Modulus       |                     |                        | MPa                                  | 2600    |
| 硬度<br>Rockwell Hardness        | I S O 2 0 3 9       | 23degreeC              | R-scale                              | 109     |
| 热变形温度<br>T. D. U. L.           | I S O 7 5           | 1.83MPa4mm<br>Flatwise | degreeC                              | 83      |
| 密度<br>Density                  | I S O 1 1 8 3       | 23degreeC              | g/cm <sup>3</sup>                    | 1.05    |
| 熔融指数<br>M. V. R.               | I S O 1 1 3 3       | 220 °C                 | cm <sup>3</sup> /10min               | 5       |
| 模具收缩率<br>Mold Shrinkage        | I S O 2 9 4 - 4     | 23degreeC              | %                                    | 0.4-0.6 |
| 线性膨胀系数<br>C. L. T. E.          | I S O 1 1 3 5 9 - 2 | -                      | cm/cm/deg. C<br>(×10 <sup>-5</sup> ) | 8.5     |
| 阻燃性<br>UL File No. E47016      | U L 9 4             | -                      | mm                                   | 1.5 HB  |
|                                |                     | -                      | mm                                   | -       |
|                                |                     | -                      | mm                                   | -       |

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