

**Flame Retardant ABS TOYOLAC™ 834V X01**

| Property<br>代表物性                              | Test Method<br>试验法 | Test Conditions<br>试验条件 | Unit<br>单位 | TOYOLAC<br>834V X01    |
|-----------------------------------------------|--------------------|-------------------------|------------|------------------------|
| Physical Properties 物理性能                      |                    |                         |            |                        |
| Density<br>比重                                 | ISO 1183           | 23°C                    | kg/m³      | 1150                   |
| Melt Flow Rate<br>流动系数                        | ISO 1133           | 220°C, 10 kg            | g / 10min  | 32                     |
| Mechanical Properties 机械性能                    |                    |                         |            |                        |
| Charpy Impact,<br>Notched<br>缺口冲击强度           | ISO 179/1eA        | 23°C / 50% RH           | kJ/m²      | 15                     |
| Tensile Strength<br>引张强度;降伏点                  | ISO 527            | 50 mm/min               | MPa        | 46                     |
| Tensile Elongation at Break<br>拉伸伸长率          |                    | 50 mm/min               | %          | > 5                    |
| Tensile Modulus<br>拉伸模数                       |                    | 1 mm/min                | MPa        | 2500                   |
| Flexural Strength<br>弯曲强度                     | ISO 178            | 2 mm/min                | MPa        | 67                     |
| Flexural Modulus<br>弯曲模数                      |                    |                         |            | 2400                   |
| 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                     |
| Flammability 燃烧性                              |                    |                         |            |                        |
| Flammability<br>燃烧性                           | UL 94              | -                       | -          | 2.0mm V-0<br>3.0mm 5VA |

