

**Extrusion Grade 押出型
TOYOLAC™ 600 X50 U**

FEATURE 特点

Extrusion Thermoforming, High Impact Strength
押出热成型, 高抗冲击

APPLICATION 用途

Building Materials, Furniture Parts, Luggage
建筑材料, 家具组件, 行李箱, 一般应用

TECHNICAL DATA SHEET 技术数据表

| PROPERTY 性能 | TEST METHOD 测试方法 | TEST CONDITION 测试条件 | UNITS 单位 | TOYOLAC™ 600 X50 U |
|--|--------------------------|------------------------|-------------|-----------------------|
| Physical Properties 物理性能 | | | | |
| Density 密度 | ISO 1183 | 23 °C | kg/m³ | 1030 |
| Melt Flow Rate 流动系数 | ISO 1133 | 220 °C / 10 kg | g/10 min | 6 |
| Mold Shrinkage 成型收缩率 | - | - | - | - |
| Glass Content 玻纤含量 | - | - | - | - |
| Mechanical Properties 机械性能 | | | | |
| Charpy Impact Strength, Notched Charpy 耐冲击强度, 缺口 | ISO 179/1eA | 23 °C / 50% RH | kJ/m² | 30 |
| Tensile Strength 拉伸强度-降伏点 | ISO 527 | 50 mm / min | MPa | 42 |
| Tensile Elongation at Break 拉伸伸长率-断裂点 | ISO 527 | 50 mm / min | % | > 40 |
| Tensile Modulus 拉伸模数 | ISO 527 | 1 mm / min | MPa | 2110 |
| Flexural Strength 弯曲强度 | ISO 178 | 2 mm / min | MPa | 65 |
| Flexural Modulus 弯曲模数 | ISO 178 | 2 mm / min | MPa | 2080 |
| Thermal Properties 热性能 | | | | |
| Deflection Temperature Under Load 热变形温度 | ISO 75 | 1.8 MPa / 120 °C/hr | °C | 82 |
| Appearance 表面 | | | | |
| Glossiness 光泽度 | - | - | - | - |
| Light Transmittance 光线透光率 | - | - | - | - |
| Haze 模糊系数 | - | - | - | - |
| Flammability 燃烧性 | | | | |
| Flammability 燃烧性 | UL 94 File No. E41797 | - | - | HB |

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]

TORAY PLASTICS (MALAYSIA) SDN. BERHAD 东丽塑料大马有限公司
197901002368 (46619-P)

No. 2628, MK 1, SPT, Lorong Perusahaan 4,
Prai Free Industrial Zone,
13600 Prai, Penang, Malaysia.

Tel 电话: (60)4 - 398 8088

Fax 传真: (60)4 - 390 8975, (60)4 - 397 7264

URL 网址: www.torayplastics.com.my



Updated: 10-Aug-2022

Version: 1.2