

General Purpose Grade 一般型
TOYOLAC™ 100 322 U

FEATURE 特点
High Impact Strength

高抗冲击

APPLICATION 用途
Building Materials, E&E Products, Furniture
Parts, Household and Office Appliances,
Toys
建筑材料, 电子产品, 家具组件, 家电,
办公设备, 玩具, 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™ 100 322 U
Physical Properties 物理性能				
Density 密度	ISO 1183	23 °C	kg/m³	1040
Melt Flow Rate 流动系数	ISO 1133	220 °C / 10 kg	g/10 min	15
Mold Shrinkage 成型收缩率	ASTM D955	23 °C / 50% RH	%	0.4 – 0.6
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	20
Tensile Strength 拉伸强度-降伏点	ISO 527	50 mm / min	MPa	54
Tensile Elongation at Break 拉伸伸长率-断裂点	ISO 527	50 mm / min	%	11
Tensile Modulus 拉伸模数	ISO 527	1 mm / min	MPa	2600
Flexural Strength 弯曲强度	ISO 178	2 mm / min	MPa	78
Flexural Modulus 弯曲模数	ISO 178	2 mm / min	MPa	2350
Thermal Properties 热性能				
Deflection Temperature Under Load 热变形温度	ISO 75	1.8 MPa / 120 °C/hr	°C	83
Appearance 表面				
Glossiness 光泽度	Toray Method	Incident Angle 60°	%	94
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: 25-Mar-2024
Version: 1.3