

General Purpose Grade 一般型
TOYOLAC™ 100 X01 U

FEATURE 特点

Super High Impact Strength
超高抗冲击

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,
办公室设备, 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 X01 U
Physical Properties 物理性能				
Density 密度	ISO 1183	23 °C	kg/m ³	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/m ²	26
Tensile Strength 拉伸强度-降伏点	ISO 527	50 mm / min	MPa	44
Tensile Elongation at Break 拉伸伸长率-断裂点	ISO 527	50 mm / min	%	> 10
Tensile Modulus 拉伸模数	ISO 527	1 mm / min	MPa	2100
Flexural Strength 弯曲强度	ISO 178	2 mm / min	MPa	63
Flexural Modulus 弯曲模数	ISO 178	2 mm / min	MPa	2000
Thermal Properties 热性能				
Deflection Temperature Under Load 热变形温度	ISO 75	1.8 MPa / 120 °C/hr	°C	80
Appearance 表面				
Glossiness 光泽度	Toray Method	Incident Angle 60°	%	93
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]

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