

**General Purpose Grade 一般型  
TOYOLAC™ 700 314 U**

**FEATURE 特点**

Medium Impact Strength  
中抗冲击

**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™ 700 314 U
<b>Physical Properties 物理性能</b>				
Density 密度	ISO 1183	23 °C	kg/m <sup>3</sup>	1050
Melt Flow Rate 流动系数	ISO 1133	220 °C / 10 kg	g/10 min	23
Mold Shrinkage 成型收缩率	ASTM D955	23 °C / 50% RH	%	0.4 - 0.6
Glass Content 玻纤含量	-	-	-	-
<b>Mechanical Properties 机械性能</b>				
Charpy Impact Strength, Notched Charpy 耐冲击强度, 缺口	ISO 179/1eA	23 °C / 50% RH	kJ/m <sup>2</sup>	17
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	%	> 10
Tensile Modulus 拉伸模数	ISO 527	1 mm / min	MPa	2700
Flexural Strength 弯曲强度	ISO 178	2 mm / min	MPa	81
Flexural Modulus 弯曲模数	ISO 178	2 mm / min	MPa	2450
<b>Thermal Properties 热性能</b>				
Deflection Temperature Under Load 热变形温度	ISO 75	1.8 MPa / 120 °C/hr	°C	82
<b>Appearance 表面</b>				
Glossiness 光泽度	Toray Method	Incident Angle 60°	%	94
Light Transmittance 光线透光率	-	-	-	-
Haze 模糊系数	-	-	-	-
<b>Flammability 燃烧性</b>				
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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