

**Recycled Alloy Grade 再生合金型  
TOYOLAC™ RFX10 X01 U**

**FEATURE 特点**

ABS//r-PET Alloy  
ABS//r-PET 合金树脂

**APPLICATION 用途**

E&E Products, Stationery, Personal Care,  
Toys  
电子产品, 文具, 化妆品容器, 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™ RFX10 X01 U
<b>Physical Properties 物理性能</b>				
Density 密度	ISO 1183	23 °C	kg/m <sup>3</sup>	1110
Melt Flow Rate 流动系数	ISO 1133	260 °C / 5 kg	g/10 min	25
Mold Shrinkage 成型收缩率	ASTM D955	23 °C / 50% RH	%	0.5 - 0.7
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>	20
Tensile Strength 拉伸强度-降伏点	ISO 527	50 mm / min	MPa	50
Tensile Elongation at Break 拉伸伸长率-断裂点	ISO 527	50 mm / min	%	16
Tensile Modulus 拉伸模数	-	-	-	-
Flexural Strength 弯曲强度	ISO 178	2 mm / min	MPa	68
Flexural Modulus 弯曲模数	ISO 178	2 mm / min	MPa	2000
<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	76
<b>Appearance 表面</b>				
Glossiness 光泽度	-	-	-	-
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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