

Specialty Grade 特殊性
TOYOLAC™ 700 SG5 U

FEATURE 特点
Medium Impact High Gloss

中抗冲击, 高光泽

APPLICATION 用途
E&E Products, Household and Office
Appliances, Personal Care, Toys

电子产品, 家电, 办公室设备, 化妆品容器,
玩具, 一般应用

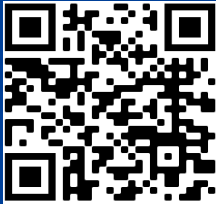
TECHNICAL DATA SHEET 技术数据表

PROPERTY 性能	TEST METHOD 测试方法	TEST CONDITION 测试条件	UNITS 单位	TOYOLAC™ 700 SG5 U
Physical Properties 物理性能				
Density 密度	ISO 1183	23 °C	kg/m³	1050
Melt Flow Rate 流动系数	ISO 1133	220 °C / 10 kg	g/10 min	26
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	13
Tensile Strength 拉伸强度-降伏点	ISO 527	50 mm / min	MPa	56
Tensile Elongation at Break 拉伸伸长率-断裂点	ISO 527	50 mm / min	%	12
Tensile Modulus 拉伸模数	–	–	–	–
Flexural Strength 弯曲强度	ISO 178	2 mm / min	MPa	84
Flexural Modulus 弯曲模数	ISO 178	2 mm / min	MPa	2560
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	Toray Method	Incident Angle 60°	%	98
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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Updated: 25-Mar-2024
Version: 1.3