

Glass Fiber Reinforced Grade 玻璃纤维强化型
TOYOLAC™ ASG - 20 HF

FEATURE 特点

20% Glass Fiber Reinforced SAN High Flow

APPLICATION 用途

E&E Products

20% 玻璃纤维强化 AS 树脂, 高流动性

电子产品, 一般应用

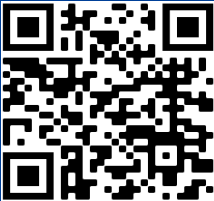
TECHNICAL DATA SHEET 技术数据表

PROPERTY 性能	TEST METHOD 测试方法	TEST CONDITION 测试条件	UNITS 单位	TOYOLAC™ ASG - 20 HF
Physical Properties 物理性能				
Density 密度	ISO 1183	23 °C	kg/m³	1210
Melt Flow Rate 流动系数	ISO 1133	240 °C / 10 kg	g/10 min	37
Mold Shrinkage 成型收缩率	ASTM D955	23 °C / 50% RH	%	0.1 – 0.3
Glass Content 玻纤含量	–	–	–	20
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	5
Tensile Strength 拉伸强度-降伏点	ISO 527	5 mm / min	MPa	107
Tensile Elongation at Break 拉伸伸长率-断裂点	ISO 527	5 mm / min	%	2
Tensile Modulus 拉伸模数	ISO 527	1 mm / min	MPa	8400
Flexural Strength 弯曲强度	ISO 178	2 mm / min	MPa	156
Flexural Modulus 弯曲模数	ISO 178	2 mm / min	MPa	7800
Thermal Properties 热性能				
Deflection Temperature Under Load 热变形温度	ISO 75	1.8 MPa / 120 °C/hr	°C	105
Appearance 表面				
Glossiness 光泽度	–	–	–	–
Light Transmittance 光线透光率	–	–	–	–
Haze 模糊系数	–	–	–	–
Flammability 燃烧性				
Flammability 燃烧性	-	–	–	–

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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