

Technical Data

总体

材料状态	• 已商用：当前有效
资料 <sup>1</sup>	• Processing - Injection Molding (English)
UL 黄卡 <sup>2</sup>	• E90350-252507 • E90350-545376
搜索 UL 黄卡	• Kuraray America, Inc. • Genestar™
供货地区	• 北美洲
填料/增强材料	• 玻璃纤维增强材料, 33% 填料按重量
形式	• 颗粒料

物理性能	额定值 (英制)	额定值 (公制)	测试方法
比重	1.68	1.68 g/cm <sup>3</sup>	ASTM D792
收缩率			ASTM D955
流动: 0.0394 in (1.00 mm)	0.0010 in/in	0.10 %	
横向流动: 0.0394 in (1.00 mm)	0.0060 in/in	0.60 %	
吸水率 (饱和, 105°F (41°C))	0.90 %	0.90 %	ASTM D570
机械性能	额定值 (英制)	额定值 (公制)	测试方法
抗张强度	25400 psi	175 MPa	ASTM D638
伸长率 (断裂)	2.8 %	2.8 %	ASTM D638
弯曲模量	1.60E+6 psi	11000 MPa	ASTM D790
弯曲强度	32200 psi	222 MPa	ASTM D790
冲击性能	额定值 (英制)	额定值 (公制)	测试方法
悬壁梁缺口冲击强度	1.9 ft-lb/in	100 J/m	ASTM D256
硬度	额定值 (英制)	额定值 (公制)	测试方法
洛氏硬度 (R 计秤)	125	125	ASTM D785
热性能	额定值 (英制)	额定值 (公制)	测试方法
热变形温度 (264 psi (1.8 MPa), 未退火)	545 °F	285 °C	ASTM D648
玻璃转化温度(DSC)	257 °F	125 °C	DSC
熔融温度	583 °F	306 °C	
电气性能	额定值 (英制)	额定值 (公制)	测试方法
体积电阻率	1.0E+16 ohm·cm	1.0E+16 ohm·cm	ASTM D257
介电强度	760 V/mil	30 kV/mm	ASTM D149
介电常数 (1 MHz)	3.70	3.70	ASTM D150
耗散因数 (1 MHz)	0.012	0.012	ASTM D150
漏电起痕指数	550 V	550 V	IEC 60112
可燃性	额定值 (英制)	额定值 (公制)	测试方法
UL 阻燃等级	V-0	V-0	UL 94

补充信息

Bar Flow Length, 610°F, 0.5 mmt, 750 kgf: 67 mm  
Weld Strength, ASTM D638: 45 MPa  
Weld Elongation, ASTM D638: 0.5%

备注

<sup>1</sup> 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。

<sup>2</sup> UL 黄卡含有 UL 验证的易燃性和电气特性。UL IDES 持续努力在 Prospector 中将黄卡链接至单个塑料材料，然而此列表可能未包括所有相应链接。重要的是，我们对 Prospector 中找到的这些黄卡和塑料材料之间的关联进行验证。如需完整的黄卡列表，请访问 UL 黄卡搜索。

<sup>3</sup> 一般属性：这些不能被视为规格。

Genestar™ G2330

聚酰胺 9T

Kuraray America, Inc.

购买地点

供应商

Kuraray America, Inc.  
, TX USA  
电话: 713-495-7311  
Web: <http://www.kuraray-am.com/>

分销商

请联系供应商以便为 Genestar™ G2330 查找分销商



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