

Technical Data

产品说明

UBE NYLON 1013 NW8 is a standard viscosity Polyamide 6 for general injection moulding application. It offers an excellent balance between toughness and rigidity.

总体

材料状态	• 已商用：当前有效
资料 ¹	• Processing - Extrusion (English) • Technical Datasheet (English)
UL 黄卡 ²	• E173981-238517 • E48133-240242
搜索 UL 黄卡	• UBE Engineering Plastics, S.A.
供货地区	• 欧洲
性能特点	• 良好的流动性 • 韧性良好 • 中等硬度
RoHS 合规性	• RoHS 合规
外观	• 自然色
形式	• 颗粒料
加工方法	• 注射成型

物理性能	额定值 (英制)	额定值 (公制)	测试方法
比重	1.14	1.14 g/cm³	ASTM D792
收缩率			ASTM D955
流动	0.012 in/in	1.2 %	
横向流动	0.013 in/in	1.3 %	
机械性能	额定值 (英制)	额定值 (公制)	测试方法
抗张强度			ASTM D638
屈服	11600 psi	80.0 MPa	
断裂	9430 psi	65.0 MPa	
伸长率 (断裂)	100 %	100 %	ASTM D638
弯曲模量	413000 psi	2850 MPa	ASTM D790
弯曲强度	16000 psi	110 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	1.2 ft·lb/in	65 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)	120	120	ASTM D785
热性能	额定值 (英制)	额定值 (公制)	测试方法
热变形温度			ASTM D648
66 psi (0.45 MPa), 未退火	383 °F	195 °C	
264 psi (1.8 MPa), 未退火	167 °F	75.0 °C	
熔融温度	428 °F	220 °C	DSC
电气性能	额定值 (英制)	额定值 (公制)	测试方法
表面电阻率	1.0E+15 ohm	1.0E+15 ohm	ASTM D257
可燃性	额定值 (英制)	额定值 (公制)	测试方法
UL 阻燃等级	V-2	V-2	UL 94

补充信息

Relative Viscosity, JIS K6920, 96% H2SO4, conc. 1.0%: 2.49

备注

¹ 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。

² 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。

³ 一般属性：这些不能被视为规格。

UBE Nylon 1013 NW8

聚酰胺6

UBE Engineering Plastics, S.A.

购买地点

供应商

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Castellon, Spain

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Web: <http://www.ube.es/>

分销商

请联系供应商以便为 UBE Nylon 1013 NW8 查找分销商



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– Kevin Chase, Owner & President, Chase Plastics



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