

Technical Data

产品说明

Standard, Low wear
Color No. VF2002/BK010P

总体

材料状态	• 已商用：当前有效
资料 ¹	• Technical Datasheet (English) • Technical Datasheet (English)
UL 黄卡 ²	• E106764-218410
搜索 UL 黄卡	• Polyplastics Co., Ltd. • Vectra®
供货地区	• 欧洲 • 亚太地区
添加剂	• PTFE润滑剂
性能特点	• 经润滑 • 耐磨损性良好
UL 档案号	• E106764
部件标识代码 (ISO 11469)	• >LCP+PTFE<

物理性能	额定值 (英制)	额定值 (公制)	测试方法
密度	1.50 g/cm ³	1.50 g/cm ³	ISO 1183
收缩率 ⁴			No Standard
横向流量: 0.0394 in (1.00 mm)	0.82 %	0.82 %	
流量: 0.0394 in (1.00 mm)	-0.020 %	-0.020 %	
吸水率 (73°F (23°C), 24 hr)	0.010 %	0.010 %	ISO 62
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)	4.5 %	4.5 %	ASTM D638
弯曲模量	986000 psi	6800 MPa	ISO 178
弯曲强度	18900 psi	130 MPa	ISO 178
弯曲应变	6.5 %	6.5 %	ISO 178
冲击性能	额定值 (英制)	额定值 (公制)	测试方法
简支梁缺口冲击强度	24 ft·lb/in ²	50 kJ/m ²	ISO 179/1eA
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)	374 °F	190 °C	ISO 75-2/A
电气性能	额定值 (英制)	额定值 (公制)	测试方法
体积电阻率	5.0E+16 ohm·cm	5.0E+16 ohm·cm	IEC 60093
耐电强度			IEC 60243-1
0.0394 in (1.00 mm)	1100 V/mil	45 kV/mm	
0.118 in (3.00 mm)	580 V/mil	23 kV/mm	
介电常数			IEC 60250
1 kHz	3.50	3.50	
1 MHz	3.10	3.10	
耗散因数			IEC 60250
1 kHz	0.020	0.020	
1 MHz	0.020	0.020	
耐电弧性	94.0 sec	94.0 sec	No Standard
漏电流痕迹指数	175 V	175 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

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。

⁴ 80x80x1 mm; Inj. Pressure 60MPa

购买地点

供应商

Polyplastics Co., Ltd.
Tokyo, Japan
电话: (81)3-3593-2441
Web: <http://www.polyplastics.com/>

分销商

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– Birgit Elvardt Bader, Production Manager, Micotron

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– Kevin Chase, Owner & President, Chase Plastics



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