

Technical Data

产品说明

Marvel™ M3804 是一种 线性低密度聚乙烯 材料。可在 北美洲或亚太地区 中获得，。

Marvel™ M3804 的重要属性有：

- 环保/绿色
- 加工性能良好
- 可接触食品
- 良好的刚度
- 耐冲击

典型应用包括：

- 容器
- 食品接触应用
- 罐子

总体

材料状态	• 已商用：当前有效		
资料 ¹	Technical Datasheet (English)		
供货地区	• 北美洲	• 亚太地区	
性能特点	• 刚性，良好	• 可回收材料	• 食品接触的合规性
用途	• 抗撞击性，良好	• 可加工性，良好	• 容器
机构评级	• 化粪池	• 水箱	
形式	• FDA 21 CFR 177.1520(c)	• TIS 816-2538	
	• 粉状	• 颗粒料	

物理性能	额定值	单位制	测试方法
密度	0.938 g/cm ³		ASTM D1505
熔流率 (190°C/2.16 kg)	4.0 g/10 min		ASTM D1238
机械性能	额定值	单位制	测试方法
抗张强度 ³			ASTM D638
屈服	19.6 MPa		
断裂	17.7 MPa		
伸长率 ³ (断裂)	800 %		ASTM D638
弯曲模量 ⁴	686 MPa		ASTM D790
冲击性能	额定值	单位制	
ARM Impact - Rotomolded (-40°C, 5.00 mm)	190 J/cm		
硬度	额定值	单位制	测试方法
硬度计硬度 (邵氏 D)	60		ASTM D2240
热性能	额定值	单位制	测试方法
热变形温度 (0.45 MPa, 未退火)	70.0 °C		ASTM D648
脆化温度	< -60.0 °C		ASTM D746
维卡软化温度	120 °C		ASTM D1525
熔融峰值温度	125 °C		ASTM D2117
结晶峰温 (DSC)	113 °C		ASTM D2117

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 一般属性：这些不能被视为规格。

³ 50 mm/min

⁴ 2.0 mm/min



购买地点

供应商

SCG Chemicals Co., Ltd.
Bangkok, Thailand
电话: 66-2586-4184
Web: <http://www.scgchemicals.co.th/>

分销商

请联系供应商以便为 Marvel™ M3804 查找分销商



PROSPECTOR®

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– Birgit Elvardt Bader, Production Manager, Micotron

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– Kevin Chase, Owner & President, Chase Plastics



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