

Marvel™ M3804

线性低密度聚乙烯

SCG Chemicals Co., Ltd.

PROSPECTOR®

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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 • 抗撞击性，良好	• 可回收材料 • 可加工性，良好	• 食品接触的合规性
用途	• 化粪池	• 容器	• 水箱
机构评级	• FDA 21 CFR 177.1520(c)	• TIS 816-2538	
形式	• 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®

Founded in 1986 and based in Laramie, Wyoming, IDES is now part of the UL family of companies. UL is a premier global independent safety science company with more than a century of proven history. Employing nearly 10,000 professionals in over 100 countries, UL has five distinct business units -- Product Safety, Environment, Life & Health, Knowledge Services and Verification Services -- to meet the expanding needs of our customers and to deliver on our public safety mission.



Prospector Plastics Database - www.ulprospector.com

Prospector is a searchable online database that includes 85,000 data sheets from 875 manufacturers and 44,000 UL yellow cards. Each data sheet includes property, processing and supplier contact information. Prospector is relied on by nearly 400,000 design engineers and plastics processors. Using Prospector, they save time with plastic material selection by quickly and easily referencing technical information critical to the success of their products.

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– Birgit Elvardt Bader, Production Manager, Micotron

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With our data management services, plastic suppliers and distributors can have custom search interfaces available on their website for their customers, website visitors, sales and customer service teams. These provide intuitive ways to find and view technical data sheets for their products.

"With UL IDES data services, our website now displays the most current information on the products we distribute and links to our backend RFQ and sales order system, adding both value and service for our customers."

– Kevin Chase, Owner & President, Chase Plastics



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