

# EL-Lene™ M9001

线性低密度聚乙烯

SCG Chemicals Co., Ltd.



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## Technical Data

### 产品说明

M99001 is a specifically developed for rotational molding applications. M9001 is a LLDPE grade with excellent stiffness, good impact strength and toughness. M9001 is the recommended material for large water tanks and other general rotational molded articles.

### 总体

材料状态	• 已商用：当前有效		
资料 <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>		
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 • 韧性良好	
用途	• 农用水箱	• 容器	• 水箱
形式	• 粉状	• 颗粒料	
加工方法	• 滚塑成型		

物理性能	额定值	单位制	测试方法
密度	0.939 g/cm <sup>3</sup>		ASTM D1505
熔流率 (190°C/2.16 kg)	3.2 g/10 min		ASTM D1238
机械性能	额定值	单位制	测试方法
抗张强度 <sup>3</sup>			ASTM D638
屈服	21.0 MPa		
断裂	28.0 MPa		
伸长率 <sup>3</sup> (断裂)	1100 %		ASTM D638
弯曲模量 <sup>4</sup>	750 MPa		ASTM D790
冲击性能	额定值	单位制	测试方法
ARM Impact - Rotomolded (-40°C, 5.00 mm)	250 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)	75.0 °C		ASTM D648
脆化温度	< -60.0 °C		ASTM D746
维卡软化温度	122 °C		ASTM D1525
熔融峰值温度	127 °C		ASTM D2117
结晶峰温 (DSC)	113 °C		ASTM D2117

### 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> 一般属性：这些不能被视为规格。

<sup>3</sup> 50 mm/min

<sup>4</sup> 2.0 mm/min

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**购买地点**

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**供应商**

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

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**分销商**

**Calsak Polymers**  
电话: 800-743-2595  
Web: <http://www.calsakpolymers.com/>  
供货地区: North America



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