

## SCG Chemicals EL-Leneâ,,ç M9001 Butene (C4) Rotational Molding Resin

Category : Polymer , Thermoplastic

### Material Notes:

Natural base resin available in pellet / powder form  
**Key Characteristics:** High stiffness and toughness, Good ESCR, Fair processing, Typical Applications: Large, thick-wall parts, high-load products, such as medium-to-large water tanks, (5,000-22,500 liters), underground tanks, septic tanks, manholes  
 Information provided by SCG Chemicals

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SCG-Chemicals-EL-Lene-M9001-Butene-C4-Rotational-Molding-Resin.php](http://www.lookpolymers.com/polymer_SCG-Chemicals-EL-Lene-M9001-Butene-C4-Rotational-Molding-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.938 g/cc	0.938 g/cc	ASTM D1505
Melt Flow	3.2 g/10 min	3.2 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 Â°C	@Load 4.76 lb, Temperature 374 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D638
Elongation at Break	1100 %	1100 %	ASTM D368
Flexural Modulus	0.750 GPa	109 ksi	ASTM D790
Dart Drop Total Energy	2.50 J/cm	0.00468 ft-lb/mil	ARM Method
	@Thickness 5.00 mm, Temperature -40.0 Â°C	@Thickness 0.197 in, Temperature -40.0 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	127 Â°C	261 Â°F	ASTM D2117
Crystallization Temperature	113 Â°C	235 Â°F	ASTM D2117

Descriptive Properties	Value	Comments
Food Contact Approved	FDA, AS/NZS 4020, and AS/NZS 4766	
Heavy Metal Free (Base Resin)	Yes	
Peak Internal Air Temperature	200Â°C	TPE Method
Shrinkage Level	medium	TPE Method
UV Stabilizer	UV-8 & Low UV	ASTM G155

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**