

## SCG Chemicals EL-Leneâ,,ç M40 Butene (C4) Rotational Molding Resin

Category : Polymer , Thermoplastic

### Material Notes:

Color compound resin available in pellet / powder form  
 Key Characteristics: Low warpage, Good processing, Good impact resistance  
 Typical Applications: Low temperature service parts, straight-wall or flat-surface parts  
 Parts that require tight dimensional tolerance, such as ice boxes, small toys, and road barriers  
 Information provided by SCG Chemicals

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SCG-Chemicals-EL-Lene-M40-Butene-C4-Rotational-Molding-Resin.php](http://www.lookpolymers.com/polymer_SCG-Chemicals-EL-Lene-M40-Butene-C4-Rotational-Molding-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.932 g/cc	0.932 g/cc	ASTM D1505
Melt Flow	4.0 g/10 min	4.0 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	17.0 MPa	2470 psi	ASTM D638
Elongation at Break	1000 %	1000 %	ASTM D368
Flexural Modulus	0.580 GPa	84.1 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	125 Â°C	257 Â°F	ASTM D2117
Crystallization Temperature	110 Â°C	230 Â°F	ASTM D2117

Descriptive Properties	Value	Comments
Food Contact Approved	FDA	
Heavy Metal Free (Base Resin)	Yes	
Peak Internal Air Temperature	195Â°C	TPE Method
Shrinkage Level	small	TPE Method
UV Stabilizer	UV-8 & Low UV	ASTM G155

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

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