

SCG Chemicals EL-Leneâ,,ç M90 Butene (C4) Rotational Molding Resin

Category : Polymer , Thermoplastic

Material Notes:

Color compound 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-M90-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

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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