

SCG Chemicals EL-Leneâ,,ç M10 Butene (C4) Rotational Molding Resin

Category : Polymer , Thermoplastic

Material Notes:

Color compound resin available in pellet / powder form
Key Characteristics: High stiffness Good processing Fair impact resistance Typical

Applications: General-purpose products, such as small-to-medium water tanks (

Order this product through the following link:

http://www.lookpolymers.com/polymer_SCG-Chemicals-EL-Lene-M10-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 | 4.0 g/10 min @Load 2.16 kg, Temperature 190 Â°C | 4.0 g/10 min @Load 4.76 lb, Temperature 374 Â°F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|---|--|------------|
| Tensile Strength, Yield | 20.0 MPa | 2900 psi | ASTM D638 |
| Elongation at Break | 800 % | 800 % | ASTM D368 |
| Flexural Modulus | 0.700 GPa | 102 ksi | ASTM D790 |
| Dart Drop Total Energy | 1.90 J/cm @Thickness 5.00 mm, Temperature -40.0 Â°C | 0.00356 ft-lb/mil @Thickness 0.197 in, Temperature -40.0 Â°F | ARM Method |

| Thermal Properties | Metric | English | Comments |
|-----------------------------|---------|---------|------------|
| Melting Point | 125 Â°C | 257 Â°F | ASTM D2117 |
| Crystallization Temperature | 113 Â°C | 235 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 | 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