

**M. Holland Company MAGMA® LM203-C LLDPE (discontinued \*\*)**

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

**Material Notes:**

Features: Good Heat Seal, Good Tear Strength, Good Toughness  
 Uses: Blending  
 Processing Method: Extrusion  
 Information provided by M. Holland.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_M-Holland-Company-MAGMA-LM203-C-LLDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_M-Holland-Company-MAGMA-LM203-C-LLDPE-nbspdiscontinued-.php)

| Physical Properties | Metric        | English                   | Comments   |
|---------------------|---------------|---------------------------|------------|
| Density             | 0.910 g/cc    | 0.0329 lb/in <sup>3</sup> | ASTM D1505 |
| Thickness           | 25.4 microns  | 1.00 mil                  |            |
| Melt Flow           | 0.90 g/10 min | 0.90 g/10 min             | ASTM D1238 |

| Mechanical Properties              | Metric   | English    | Comments   |
|------------------------------------|----------|------------|------------|
| Film Elongation at Break, MD       | 700 %    | 700 %      | ASTM D882  |
| Film Elongation at Break, TD       | 810 %    | 810 %      | ASTM D882  |
| Elmendorf Tear Strength MD         | 600 g    | 600 g      | ASTM D1922 |
| Elmendorf Tear Strength TD         | 700 g    | 700 g      | ASTM D1922 |
| Dart Drop Test                     | >= 850 g | >= 1.87 lb | ASTM D1709 |
| Film Tensile Strength at Break, MD | 44.8 MPa | 6500 psi   | ASTM D882  |
| Film Tensile Strength at Break, TD | 31.0 MPa | 4500 psi   | ASTM D882  |

| Thermal Properties | Metric  | English | Comments |
|--------------------|---------|---------|----------|
| Melting Point      | 93.3 °C | 200 °F  |          |

| Optical Properties | Metric | English | Comments           |
|--------------------|--------|---------|--------------------|
| Haze               | 6.0 %  | 6.0 %   | ASTM D1003         |
| Gloss              | 70 %   | 70 %    | at 45°; ASTM D2457 |

| Processing Properties | Metric    | English   | Comments |
|-----------------------|-----------|-----------|----------|
| Feed Temperature      | <= 149 °C | <= 300 °F |          |
| Zone 1                | 149 °C    | 300 °F    |          |

| Melt Temperature<br>Processing Properties | 182 - 232 °C<br>Metric | 360 - 450 °F<br>English | Comments |
|---|------------------------|-------------------------|----------|
| Die Opening                               | 0.0810 - 0.254 cm      | 0.0319 - 0.100 in       |          |
| Blow-up Ratio (BUR)                       | 1.5 - 3.0              | 1.5 - 3.0               |          |

| Descriptive Properties | Value   | Comments |
|------------------------|---------|----------|
| Form                   | Pellets |          |

## 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