

## Westlake EM808AA Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

**Material Notes:**

WESTLAKE low-density polyethylene EM808 is a general-purpose low-density formulation used for injection molding applications and general purpose extrusion. Application/Uses Food packaging Medical FDA: This material complies with FDA regulations in 21 CFR, section 177.1520. Kosher Compliant. All information provided by Westlake Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-EM808AA-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Westlake-EM808AA-Low-Density-Polyethylene.php)

| Physical Properties | Metric   | English  | Comments   |
|---------------------|--|--|------------|
| Density             | 0.917 g/cc   | 0.0331 lb/in <sup>3</sup>                            | ASTM D1505 |
| Melt Flow           | 7.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 7.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ASTM D1238 |

| Mechanical Properties     | Metric    | English  | Comments                              |
|---------------------------|-----------|----------|---------------------------------------|
| Tensile Strength at Break | 10.0 MPa  | 1450 psi | 500mm/min; ASTM D638 Type IV Specimen |
| Elongation at Break       | 400 %     | 400 %    | 500mm/min; ASTM D638 Type IV Specimen |
| 2% Secant Modulus         | 0.200 GPa | 29.0 ksi | 12.7mm/min; ASTM D790                 |

| Processing Properties | Metric       | English      | Comments |
|-----------------------|--------------|--------------|----------|
| Melt Temperature      | 149 - 166 °C | 300 - 330 °F |          |

| Descriptive Properties | Value             | Comments                        |
|------------------------|-------------------|---------------------------------|
| Process                | Injection Molding |                                 |
| Region                 | US & Canada       | Bamberger Polymers Distribution |

## 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