

## Westlake EMAC® SP2205 20% Ethylene-Methyl Acrylate Copolymer

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

### Material Notes:

Westlake EMAC® SP2205 is a 20% EMA copolymer designed for blown or cast film, tie-layers, and extrusions where flexibility, compatibility, or low heat seal temperatures are required. SP2205 provides excellent adhesion to polyolefins, polyesters, and other polymers while providing outstanding low temperature performance. Applications: films, flexible packaging, disposable gloves, IV containers and wound care. FDA: This material complies with FDA regulations in 21 CFR, section 177.1340. All information provided by Westlake Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-EMAC-SP2205-20-Ethylene-Methyl-Acrylate-Copolymer.php](http://www.lookpolymers.com/polymer_Westlake-EMAC-SP2205-20-Ethylene-Methyl-Acrylate-Copolymer.php)

| Physical Properties     | Metric   | English  | Comments   |
|-------------------------|--|--|------------|
| Density                 | 0.942 g/cc   | 0.0340 lb/in <sup>3</sup>                            | ASTM D1505 |
| Methyl Acrylate Content | 20 %   | 20 %   |            |
| Melt Flow               | 2.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 2.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ASTM D1238 |

| Mechanical Properties     | Metric   | English  | Comments                              |
|---------------------------|----------|----------|---------------------------------------|
| Hardness, Shore D         | 40       | 40       | ASTM D2240                            |
| Tensile Strength at Break | 12.0 MPa | 1740 psi | 500mm/min; ASTM D638 Type IV Specimen |
| Elongation at Break       | 807 %    | 807 %    | 500mm/min; ASTM D638 Type IV Specimen |

| Thermal Properties      | Metric      | English     | Comments           |
|-------------------------|-------------|-------------|--------------------|
| Melting Point           | 82.0 °C     | 180 °F      | by DSC; ASTM D3418 |
| Vicat Softening Point   | 55.0 °C     | 131 °F      | ASTM D1525         |
| Brittleness Temperature | <= -73.0 °C | <= -99.4 °F | ASTM D746          |

| Descriptive Properties | Value       | Comments                        |
|------------------------|-------------|---------------------------------|
| Process                | Blown Film  |                                 |
|                        | Extrusion   |                                 |
|                        | Film        |                                 |
| Region                 | US & Canada | Bamberger Polymers Distribution |

## **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**