

## Westlake EC478AA Low Density Polyethylene

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

### Material Notes:

WESTLAKE polyethylene EC478 is a low-density resin recommended for use in boardstock coating. This material has an excellent combination of low neck-in, ease of processing and good chill-roll release. Application/Uses Milk Cartons Liquid Containers Multiwall bag stock Frozen food containers 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-EC478AA-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Westlake-EC478AA-Low-Density-Polyethylene.php)

| Physical Properties | Metric       | English                   | Comments   |
|---------------------|--------------|---------------------------|------------|
| Density             | 0.923 g/cc   | 0.0333 lb/in <sup>3</sup> | ASTM D1505 |
| Melt Flow           | 4.5 g/10 min | 4.5 g/10 min              | ASTM D1238 |

| Mechanical Properties      | Metric   | English  | Comments  |
|----------------------------|----------|----------|-----------|
| Tensile Strength, Ultimate | 11.0 MPa | 1600 psi | ASTM D638 |
| Elongation at Break        | 450 %    | 450 %    | ASTM D638 |

| Processing Properties | Metric       | English      | Comments |
|-----------------------|--------------|--------------|----------|
| Melt Temperature      | 302 - 329 °C | 575 - 625 °F |          |

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

## Contact Songhan Plastic Technology Co.,Ltd.

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