

## Westlake Mxsten CV77516 Polyethylene Plastomer

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

Mxsten CV Plastomer CV77516 resin is a polyethylene plastomer designed for blown film extrusion that contains no slip and no antiblock additives. Films produced with this resin exhibit a very low seal initiation temperature with a broad hot tack window. Other features of this resin include higher stiffness and high melting point. Application/Uses Blown film Food packaging 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-Mxsten-CV77516-Polyethylene-Plastomer.php](http://www.lookpolymers.com/polymer_Westlake-Mxsten-CV77516-Polyethylene-Plastomer.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           | 1.0 g/10 min | 1.0 g/10 min              | ASTM D1238 |

| Mechanical Properties                     | Metric        | English    | Comments    |
|---|---------------|------------|-------------|
| Film Elongation at Break, MD              | 750 %         | 750 %      | ASTM D882   |
| Film Elongation at Break, TD              | 1050 %        | 1050 %     | ASTM D882   |
| Dart Drop                                 | 66.9 g/micron | 1700 g/mil | ASTM D1709A |
| Film Tensile Strength at Break, MD        | 56.5 MPa      | 8200 psi   | ASTM D882   |
| Film Tensile Strength at Break, TD        | 44.1 MPa      | 6400 psi   | ASTM D882   |
| Heat Seal Strength Initiation Temperature | 88.0 °C       | 190 °F     | Westlake    |

| Optical Properties | Metric | English | Comments           |
|--------------------|--------|---------|--------------------|
| Haze               | 7.0 %  | 7.0 %   | ASTM D1003         |
| Gloss              | 60 %   | 60 %    | at 45°; ASTM D2457 |

| Processing Properties | Metric       | English      | Comments |
|-----------------------|--------------|--------------|----------|
| Melt Temperature      | 216 - 232 °C | 420 - 450 °F |          |
| Blow-up Ratio (BUR)   | 2.4          | 2.4          |          |

| Descriptive Properties | Value      | Comments |
|------------------------|------------|----------|
| Process                | Blown Film |          |

| Descriptive Properties | Value       | Comments                        |
|------------------------|-------------|---------------------------------|
| 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