

## Unipetrol PE HD LITEN® MB/ML 73 HDPE

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

### Material Notes:

Made for injection molding applications. Information provided by Unipetrol RPA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unipetrol-PE-HD-LITEN-MBML-73-HDPE.php](http://www.lookpolymers.com/polymer_Unipetrol-PE-HD-LITEN-MBML-73-HDPE.php)

| Physical Properties | Metric                               | English                              | Comments |
|---------------------|--------------------------------------|--------------------------------------|----------|
| Density             | 0.963 g/cc                           | 0.0348 lb/in <sup>3</sup>            | ISO 1183 |
| Melt Flow           | 11 g/10 min                          | 11 g/10 min                          | ISO 1133 |
|                     | @Load 2.16 kg,<br>Temperature 190 °C | @Load 4.76 lb,<br>Temperature 374 °F |          |

| Mechanical Properties   | Metric                  | English                    | Comments |
|-------------------------|-------------------------|----------------------------|----------|
| Hardness, Shore D       | 58                      | 58                         | ISO 868  |
| Tensile Strength, Yield | 25.0 MPa                | 3630 psi                   | ISO 527  |
| Elongation at Yield     | 9.0 %                   | 9.0 %                      | ISO 527  |
| Flexural Modulus        | 1.10 GPa                | 160 ksi                    | ISO 178  |
| Charpy Impact, Notched  | 0.500 J/cm <sup>2</sup> | 2.38 ft-lb/in <sup>2</sup> | ISO 179  |
|                         | @Temperature 23.0 °C    | @Temperature 73.4 °F       |          |

| Thermal Properties    | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Vicat Softening Point | 126 °C | 259 °F  | ISO 306  |

## Contact Songhan Plastic Technology Co.,Ltd.

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