

# HM10® LC

Linear Low Density Polyethylene

Heritage Plastics, Inc.

## Message:

Specially formulated with a 3 micron high purity calcium carbonate in LLDPE to maximize the cost and performance balance and can be used in a wide variety of applications.

Suitable Applications:

blown film

thermoformed sheet

injection molding

blow molding

Environmentally Beneficial

Calcium carbonate is a plentiful, natural mineral and can be used to effectively displace a significant portion of the petrochemical based component in the targeted application. The improved productivity and the lower energy consumption awarded by using our concentrates all help to minimize the carbon footprint of the end product.

Regulatory Compliance

The ingredients in our concentrates are approved for use in direct food contact packaging and are heavy metals free making them compliant with regulations such as California Proposition 65 and CONEG.

| General Information    |  |
|------------------------|--|
| Filler / Reinforcement | Calcium Carbonate,81% Filler by Weight |
| Features               | Food Contact Acceptable                |
|                        | High Purity                            |
| Uses                   | General Purpose                        |
| Processing Method      | Blow Molding                           |
|                        | Blown Film                             |
|                        | Injection Molding                      |
|                        | Thermoforming                          |

| Physical                                  | Nominal Value | Unit              | Test Method |
|---|---------------|-------------------|-------------|
| Density                                   | 1.95          | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.0           | g/10 min          | ASTM D1238  |
| Moisture                                  | < 1000        | ppm               | ASTM D6980  |

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## Recommended distributors for this material

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