

# CP PRYME® Polyethylene PE100LD-2M

Low Density Polyethylene

Chase Plastics Services Inc.

## Message:

CP PRYME® Polyethylene PE100LD-2M is a Low Density Polyethylene product. It can be processed by extrusion and is available in North America. Typical application: Food Contact Applications. Primary characteristic: food contact acceptable.

| General Information                       |                         |                   |             |
|---|-------------------------|-------------------|-------------|
| Features                                  | Food Contact Acceptable |                   |             |
| Agency Ratings                            | FDA Unspecified Rating  |                   |             |
| Processing Method                         | Extrusion               |                   |             |
| Physical                                  | Nominal Value           | Unit              | Test Method |
| Specific Gravity                          | 0.917                   | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.0                     | g/10 min          | ASTM D1238  |
| Mechanical                                | Nominal Value           | Unit              | Test Method |
| Tensile Strength <sup>1</sup> (Yield)     | 10.0                    | MPa               | ASTM D638   |
| Tensile Elongation <sup>2</sup> (Break)   | 200                     | %                 | ASTM D638   |
| Flexural Modulus - 1% Secant              | 207                     | MPa               | ASTM D790   |
| Thermal                                   | Nominal Value           | Unit              | Test Method |
| Vicat Softening Temperature               | 90.0                    | °C                | ASTM D1525  |
| NOTE                                      |                         |                   |             |
| 1.  | 51 mm/min               |                   |             |
| 2.  | 51 mm/min               |                   |             |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT