



# LUTENE MB9205

Low Density Polyethylene

## Applications

- Lids of all sizes, Household articles, Powder Coating

## Description

- The physical and structural characteristics of LUTENE MB9205 give it good flow properties and flexibility.
- Outstanding properties of LUTENE MB9205 are good productivity, clarity and surface gloss.

## Typical properties

| Characteristics                 | Test Method              | Unit               | Value |
|---------------------------------|--------------------------|--------------------|-------|
| <b>Physical<sup>(1)</sup></b>   |                          |                    |       |
| Density                         | ASTM D1505               | g/cm <sup>3</sup>  | 0.915 |
| MFR(190°C,2.16Kg)               | ASTM D1238               | g/10min            | 24.0  |
| Softening Point (Vicat)         | ASTM D1525               | °C                 | 78    |
| <b>Mechanical<sup>(2)</sup></b> |                          |                    |       |
| Tensile Strength at Yield point | ASTM D638 <sup>(3)</sup> | kg/cm <sup>2</sup> | 100   |
| Tensile Strength at Break point | ASTM D638 <sup>(3)</sup> | kg/cm <sup>2</sup> | 100   |
| Elongation at Break             | ASTM D638 <sup>(3)</sup> | %                  | >500  |
| Shore hardness(Shore D)         | ASTM D2240               | -                  | 43    |
| <b>Thermal</b>                  |                          |                    |       |
| Melting Temperature             | LG                       | °C                 | 104   |

(1) The properties data in this table are typical values, and not guaranteed specification.

(2) Typical resin property values are measured on a standard compression molded specimens

(3) Speed of 50 mm/min.

## Processing information

- LUTENE-H MB9205 may be processed on conventional equipment. It is recommended that the melt temperature be kept below 220°C as decomposition can occur at higher temperature.

For additional sales, order and technical assistance

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