

# POLYETHYLENE Z372

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UBE POLYETHYLENE (HP-LDPE)

**Properties****Additives****Features****Applications**

## Properties

| Item                     | Unit              | Nominal value | Test method |
|--------------------------|-------------------|---------------|-------------|
| MFR                      | g/10min           | 5.3           | ASTM D1238  |
| Density                  | kg/m <sup>3</sup> | 934           | ASTM D1505  |
| Melting point            | °C                | 119           | UBE method  |
| Tensile strength         | MPa               | 12            | ASTM D638   |
| Tensile elongation       | %                 | 550           | ASTM D638   |
| Flexural strength(Olsen) | MPa               | 280           | ASTM D747   |
| Hardness                 | (HDD)             | 58            | ASTM D2240  |
| Vicat softening point    | °C                | 108           | ASTM D1525  |
| Brittle temperature      | °C                | <-75          | ASTM D746   |

\* These values are typical properties and not to be considered as specifications.

\* Specimens are prepared from compression-molded sheets.

## Additives

- Additive-free

## Features

- High rigidity, High transparency, High glossiness

## Applications

- Cast film, Water quenching blown film