

POLYETHYLENE F234

UBE POLYETHYLENE (HP-LDPE)

Properties Additives Features Applications

Properties

| Item | Unit | Nominal value | Test method |
|--------------------------|-------------------|---------------|-------------|
| MFR | g/10min | 2 | ASTM D1238 |
| Density | kg/m ³ | 934 | ASTM D1505 |
| Melting point | °C | 119 | UBE method |
| Tensile strength | MPa | 13 | ASTM D638 |
| Tensile elongation | % | 600 | ASTM D638 |
| Flexural strength(Olsen) | MPa | 290 | ASTM D747 |
| Hardness | (HDD) | 59 | ASTM D2240 |
| Vicat softening point | °C | 109 | 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

- Antioxidant

Features

- High rigidity, High transparency, High glossiness

Applications

- Cast film, Water quenching blown film
- Heat resistant LDPE film, Co-extrusion film, L-LDPE modification

