

UMERIT[®] 4040FC

UBE SUPERPOLYETHYLENE UMERIT[®] (Metallocene L-LDPE)**Properties Additives Features Applications**

Properties

| Item | Unit | Nominal value | Test method |
|-----------------------|-------------------|---------------|-------------|
| MFR | g/10min | 3.5 | ASTM D1238 |
| Density | kg/m ³ | 938 | ASTM D1505 |
| Melting point | °C | 126 | UBE method |
| Tensile strength | MPa | 32 | ASTM D638 |
| Tensile elongation | % | 830 | ASTM D638 |
| Flexural Modulus | MPa | 850 | ASTM D790 |
| Izod impact trength | kJ/m ² | NB | ASTM D256 |
| Hardness | (HDD) | 65 | ASTM D2240 |
| Vicat softening point | °C | 120 | ASTM D1525 |
| ESCR F ₅₀ | h | 200 | ASTM D1693 |

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

* Specimens are prepared from compression-molded sheets.

Additives

- Antioxidant

Features

- Transparency, Glossiness, Heat resistance, Stiffness
- Excellent in cast film molding

Applications

- Film, Sheet
- Mono and multi layer film

