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| Grade | MF6000 |
| Product | HDPE |

General Information

Key Features MF6000 offers good stretching, spinning, high strength property and melting stability

Applications Monofilament for Rope
High Strength Monofilament

| Item | Measuring Method | Unit | Value |
|--------------------------------------|------------------|---------------------|--------|
| Physical | | | |
| Melt Flow Index | ASTM D1238 | g/10min | 0.4 |
| Density | ASTM D1505 | g/cm ³ | 0.956 |
| Mechanical | | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/cm ² | 310 |
| Tensile Strain (Break) | ASTM D638 | % | >500 |
| Flexural Modulus | ASTM D790 | kgf/cm ² | 11,000 |
| Rockwell Hardness | ASTM D785 | R | 55 |
| Impact | | | |
| Izod Impact Strength(notched) (23°C) | ASTM D256 | kgf·cm/cm | 37 |
| Thermal | | | |
| VICAT Softening Temperature | ASTM D1525 | °C | 126 |

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01