

| | |
|----------------|---------|
| Grade | MF5000U |
| Product | HDPE |

General Information

Key Features

MF5000U offers good stretching, spinning, high strength property, melting stability and weather resistance

Applications

Sea Net, Shading Screen

| Item | Measuring Method | Unit | Value |
|--------------------------------------|------------------|---------------------|--------|
| Physical | | | |
| Melt Flow Index | ASTM D1238 | g/10min | 0.95 |
| Density | ASTM D1505 | g/cm ³ | 0.954 |
| Mechanical | | | |
| Tensile Stress (Yield) | ASTM D638 | kgf/cm ² | 250 |
| Tensile Strain (Break) | ASTM D638 | % | ≥500 |
| Flexural Modulus | ASTM D790 | kgf/cm ² | 10,000 |
| Rockwell Hardness | ASTM D785 | R | 50 |
| Impact | | | |
| Izod Impact Strength(notched) (23°C) | ASTM D256 | kgf·cm/cm | 20 |
| Thermal | | | |
| VICAT Softening Temperature | ASTM D1525 | °C | 125 |

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

* The last update date : 2021/10/01